

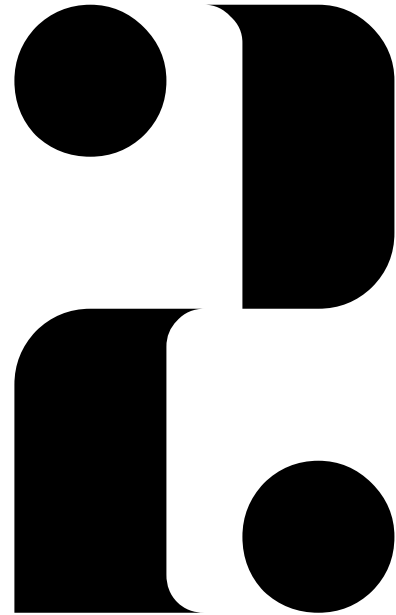
CIRCUS Interdisciplinary Insights



**Role-playing Games for
Interdisciplinary Research Collaborations**

Edited by Bowman & Westborg

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Interdisciplinary Research Collaborations**

Eds. Sarah Lynne Bowman, Josefin Westborg

Table of contents

1. The Game of Academia – Playing with Quality p. 7

Doris C. Rusch

2. Role-playing Games as a Tool for Training
Interdisciplinary Collaboration p. 25

*Sarah Lynne Bowman, Josefin Westborg, Doris C. Rusch,
Josephine Baird, Kjell Hedgard Hugaas and Kaya Toft Thejls*

3. Facilitating Role-playing Scenarios for
Educational Impacts p. 45

Sarah Lynne Bowman and Josefin Westborg

References p. 160

Doris C. Rusch

The Game of Academia – Playing with Quality

The following explores the system of academia from a game designer's perspective, combining a personal account with a game design research perspective. The personal experience centres on finding a way to find a place in academia where you do not feel absorbed and defined by a system. The game design perspective provokes questions on what experiences academia, momentarily seen as a game, afford its players. Both these outlooks put interest into how the system of academia aims to ensure academic quality but has to be viewed critically when it comes to researchers' thriving and intrinsic motivation. It ends with a consideration of how the system of academia can be put into perspective by the values we as individuals (leaders, researchers, administrators) bring into it, the stand we take towards it, and how we strengthen and support each other in the academic culture we co-create within established structures (potentially transforming them in accordance of our values over time).

**PERSONAL ACCOUNT OF FINDING OUT
WHAT I WANTED OUT OF AN ACADEMIC JOB**

● **I** For someone who never set out to become an academic, I ended up having a weirdly picture book academic career on both sides of the Atlantic. How did that happen? Because, really, I felt the greatest joy collecting frogs and bringing them into the bathroom to “wash them” during my childhood in Africa, Dar es Salaam; I tormented career counselors in rural Dornbirn, Austria, during my high school years with the question “how do I become a fiction writer?”, and I earned my first, real money playing blues piano in a bar when I was 16. None of that pointed towards “professorship.” Maybe, though – just maybe – it was the key to it after all. Even now, after all these years at various Universities in Austria, the US and Sweden – making it through a PhD, post doc, tenure track, promotion to associate prof, becoming docent and then professor – my self-image is not that of an academic. Well, that is not entirely true. At some point, I did buy into it. I started to identify with “scholarship”. Quite strongly, actually. To the point where there didn’t seem to be a point, if I couldn’t work at one of the top institutions. To the point where I didn’t know who I was, if not (recognized as) a researcher. When I realized the extent of my (unhealthy) identification, I decided to leave academia. I was a post-doc at MIT at that time and the entanglement with the prestige of the institution, its expectations and pressures really got to me. I wasn’t struggling with the work itself. That part was still rewarding and interesting. I struggled massively with the feeling of being absorbed and defined by a system.

Becoming defined by a system was like becoming entangled in a game where “winning” meant losing my own sense of direction and meaning. The various kinds of performance reviews and ways to measure and assess productivity, scientific quality and impact shifted my focus outwards, towards external structures and rules. I found myself entangled in a game of checking boxes, of asking “what do the reviewers want?” before asking “what would be cool to explore?”. The prize for playing this game was my own curiosity. I am now convinced that had I stayed, it would have also cost me academic quality (not to speak of “quality of life”!) While I had done things boldly, fearlessly and joyfully before, I started to doubt more and become more anxious. At least for a while. Until I left academia to figure out who I was, if not a postdoc at MIT. When I came back, I came back under my own terms, clear about what I wanted out of an academic job at a University, and guided by my own integrity – and my own values around what defined quality research for me: it is not just about the outcome or even impact, but also the process. The experience of working through a problem, exploring, investigating, failing (!), trying again – all done with the scent of curiosity in one’s nose, guiding the journey, following the hot trail of something fascinating and meaningful, sharing perspectives with like-minded people (not just academics, by the way!) who willingly and enthusiastically join the tracking party, all the while keeping an open mind to whatever this turns out to be in the end.

BURN OUT IN ACADEMIA THROUGH A GAME DESIGN LENS

What is it that makes academia such a burn out prone domain? There are many reasons and they have been researched intensively over the last decade with efforts increasing during the pandemic. Burn out researcher Maslach identifies an external locus of control as a strong contributor in experiencing burn out. (Maslach, 2006). This aligns with Alfried Längle's findings, who has investigated burn out from an existential psychology perspective. According to Längle, burn out results from the lack of an "internal YES" towards one's activities and one's own life (Längle, 2003). What this means is: when attention shifts outwards, towards the expectations and demands of a system, there is a hollowing out of one's own meaning and purpose. The rewards inherent in engaging in the work further get replaced by expectations towards the environment to be appreciative and acknowledging of one's contributions. One doesn't do the work out of one's own accord, following an inherent curiosity or drive, but because there is a need to check boxes or get a need met through an external source. I call it "excelling by the Excel sheet".

Längle (2003) states:

Existential meaning is characterized by a sense of inner fulfillment. This experience will persist even in the face of fatigue and exhaustion, if the relation to oneself, the experience of doing one's activities voluntarily and the sense of their value remain emotionally present. (...)

In contrast, a person whose life is dominated by a narcissistic pursuit of career or social acceptance is a life that lacks fulfillment and emotional reward (which contribute to existential meaning). A narcissistic pursuit demands energy and engenders stress. Instead of joy in one's achievements only pride will be felt. Pride is neither nourishing nor does it warm the soul. (pp. 110–111).

As a game designer, who has spent the majority of her career trying to understand systems and the experiences they afford for players, I see the burn out research through my game design lens, which complements the existing corpus of work and the specific circumstances that apply to especially academics from marginalized groups (e.g. non-white, non-cis-male). Academia, after all, is a system, too. As transformative leadership and sustainability expert Monica Sharma puts it, "a system delivers according to its intrinsic features." (Sharma, 2017, p. 5).

What is academia designed to deliver? That will remain to be discussed. Let's start with its stated goal: What is the GOAL of this game from the perspective of those who have the most impact on its structures and rules? Judging from the various mission statements on university web-pages (including the one of Uppsala University which I call my academic home these days), we can assume that the goal is to generate knowledge (maybe even wisdom?) that acts as a beacon for society to promote health and well-being for all. In one way or another, so it seems, the win state would be to "create the brightest light possible" comprised of the most meaningful, innovative, creative, robust, relevant discoveries, approaches and theories that help us solve and / or address challenges and problems and fulfill the

full potential of humankind for the betterment of the entire planet. Granted, there might be even more to this – more ambitions for knowledge generation – but let’s just say what I listed here is at least not wrong and wouldn’t provoke energetic protest from policy makers and university leadership. So for now, let’s stay with this “generating light as knowledge” metaphor and see where it takes us.

A system is comprised of elements that are interconnected by rules – “if this happens, then that happens”. Each element serves a purpose in the system and affects its outcome, what the system delivers. If an element doesn’t have an impact on the goal and if its properties and behaviors do not impact the win state, it is probably not really part of the system. (Given how subtle impacts can be and yet how far-reaching, it is more likely that an element is a part of the system than it is not, which makes this whole “systems thinking” incredibly complex and daunting. For the sake of argument, we stay with exploring only the most central parts of the system). It seems safe to say that researchers are key elements in the system of academia then. What is the function of researchers in the academic system in regards to achieving the goal of creating the “Beacon”, the brightest light possible? We can consider every individual academic as a light source. We researchers (I am including myself here, because a) it is true, I AM a researcher and b) it makes my position in this argument more transparent) contribute to the beacon by the work we do.

Without research conducted by each individual academic, no knowledge generation, no light, no beacon.

This makes our role in the game twofold and...weird: on the systems level, we are a resource element. We deliver

something the system crucially depends upon. It is our research outcomes – the knowledge we contribute to for the betterment of the world (in one way or another) – that justifies the very existence of the system in the first place. Without academics doing academic things, there is no academia. On a personal level, though, we are also players. We are resource elements that have an experience while being engaged – “playing” – in the system and the system needs us to “play” in order to create the resources it needs from us. Normal games, designed for players’ entertainment, do not require the player to produce anything while playing the game – at least nothing that is of any consequence in the real world beyond the “magic circle” of the game (Huizinga 1938). Whatever may be produced during an entertainment game is a byproduct of play, part of the fun. They are not the GOAL of the game and the game’s *raison d’être* is the player’s enjoyment. What we have here, with the academic system, is thus not so much a game, as it is “gamification.”

i AMIFICATION IN ACADEMIA

Gamification aims to en-list players as resources towards the accomplishment of some goal beyond playing. Playing – to be understood here mostly as behavior, not a state of mind as play researcher Stuart Brown wants “play” to be understood (Brown, 2009) – is not done of its own sake, but for a purpose the players may or may not inherently care about. The assumption usually is that they do NOT care about this purpose, which is why they need to be incentivized by the reward structures of a game / game-like system. E.g. collecting trash at the park is

not in and of itself “fun”, but collecting trash to feed a trash can in the shape of the fairy tale character Holle Bolle Gjis, as done in the Dutch park Efteling, apparently is. Recycling isn’t in and of itself pleasurable, but throwing bottles into a recycling machine that rewards you with blinking lights and sound effects creates an experience people apparently want to have and thus recycle more. To encourage taking the stairs over the escalator to promote public health goals, stairs in some subway stations have been transformed into piano keyboards. Taking the stairs thus becomes a playful activity of joyful sound-production, which gets some people to move more. All of this are examples of (rather simple) gamification measures. Research has shown, however, that their novelty value tends to wear off quickly and people revert back to their old behavior. All the badges and blinking lights in the world can apparently not compensate one enough for doing something that is inherently boring (to them). The only thing that results in sustainable change is to get people to truly, intrinsically care, to embrace new values. This, however, is impossible to accomplish from the outside through external structures.

How does gamification work in academia? For academia to fulfill its goal, it needs researchers to do high quality research. The game of academia depends on the researchers’ cooperation. A system is there to get a job done and to be useful, it can’t just be all loopy and trust people to do their job to the best of their ability. It has to MAKE SURE. So, rules are being put in place that aim to ensure cooperation for the sake of producing quality. Here is the thing, though: rules can only get at behavior. No matter how clever a rule system, the kind of motivation that rules

can promote is very different from the kind of motivation researchers have when they willingly, joyfully and curiously go about their research. Rules direct attention outwards. There is something in the outside world you do or really do NOT want to happen, which gets you to behave in a certain way. Rules cannot stimulate intrinsic motivation. Your desires for something external can be very strong and thus rule systems can be very powerful, but they can never really engage your soul.

The game of academia is governed by ideas of what “quality” research is and how much of it the researchers should produce in order to be rewarded by the system. The system rewards, however, are much more existential for academics than those of the other gamified systems mentioned above: job security, promotion, ability to even do the work one cares most about! One can ignore the blinking lights and sound effects of the recycling machine without much of a consequence whatsoever. But one ignores the demands / rewards of the academia game at the potential cost of one’s career. “Potential” only because it is possible to not pay too much attention to the reward structures of the academic system and still be rewarded by them! This happens when one’s personal goals as researcher happily and freely align with those of the system. This is the very best-case scenario in which the system doesn’t manage to draw the researchers’ attention outwards, away from what they are inherently motivated to do, and just recognizes that they are doing it anyways. (This, of course, still requires researchers to understand the rules of the game and bring their accomplishments to the system’s attention in the ways it understands and respects them!). One can find

many examples of such careers in Sandra Waddock's (2015) excellent book *Intellectual Shamans*. What characterizes the remarkable academics Waddock chose as her case studies in this book is their strong internal drive or sense of calling and purpose; a strong "internal YES", to use Alfried Längle's words again.

That these exemplary people exist in academia doesn't change the fact that the academic system has a strong rule design and operates – maybe involuntarily and unconsciously – across a dichotomy of "winners" and "losers". While it offers an intriguing "possibility space" (to use another game design term), within which researchers are supposed to explore and experiment, it defines quite clearly what needs to be done to be successful according to the system's standards. These standards prescribe "win states" and as such, the kinds of rules the system favors are "ludus rules". Ludus rules are rules one needs to adhere to in order to "win" within a prescribed rule structure (Caillois, 1961; Frasca, 2003). It is noteworthy that seen from the researcher's perspective "winning" means e.g. having job security, being promoted to associate or full professor and buying out of teaching through grant money. It doesn't necessarily mean doing the highest "quality work", which is the system's "win" state. The work only needs to be good enough for the system to deem it worthy. It doesn't have to be as good as it could be. The system has no means of recognizing, nor does it promote, "fulfilling full potential." What a waste!

Hence, this gamification analysis of academia suggests that not only does the system produce people losing their direction or becoming burnt out – as it almost happened to me as well – it is not good at maximizing the desired goal.

But what else is there? It is maybe insightful that ludus rules are not the only kinds of rules that can structure activities and behavior. There are also the so called "paidia rules", which are (again according to Caillois and Frasca) a much more malleable and spontaneous form of rules, more associated with free play – the kind of play children engage in where rules are more like guidelines and can be changed fluidly e.g. to support a fantasy or an activity that does not need a strong structure to determine "winners" or "losers". Just because paidia has been associated more with child play does not mean adults do or cannot engage in it, though. Adults, however, get oddly cringy when confronted with the idea of "play" as if it's a dirty thing and not worthy of "serious people and their serious affairs". Paidia is engaged in for its own sake, because it is inherently rewarding. These kinds of rules or more like guidelines and can thus be more easily aligned with an "internal YES" to the work. As such, they are also more likely to promote not only quality, but tapping a researcher's full potential, because the responsibility to determine what is "good enough" rests with them. Of course, as hinted at before, it is a matter of trust and preference: do we want structures that focus on making sure no one slacks and we just reach a certain quality standard, accepting that this might come at the cost of true excellence, or do we risk that some people may take advantage (which, let's be honest, can happen anyways!) but allow others (and maybe a bigger number than right now) to truly thrive and soar? These is not a trivial question and I do not want to imply that there is an easy, straightforward answer. I have my personal preference, of course, but this is the luxury of someone without

the power or current opportunity to put it into action and to the test!

The argument still stands, though, that ludus rule dominated possibility spaces – like academia – tend to shift the players’ focus outwards. In academia, it is existentially important to have an answer to the questions “what do I need to do to succeed in this game?” and this answer can only be found within the system, by learning and understanding its rules (through acting in the system and having one’s work being rejected or rewarded by it). Once ones’ attention is directed towards the structure, the rules of the game, it becomes very hard to keep an internal locus of control.

Ideally, one would keep an internal True North and just occasionally check whether that is still aligned with what the system requires one to do and then, if necessary, course correct, knowing that this is done for pragmatic reasons only, and that it is a choice. In practice, the rules often end up overshadowing a researcher’s True North and can even take its place. A dangerous trade, indeed, where seeking “bliss” (Campbell, 2004) is substituted by wanting to “win”.

This often engenders a bizarre behavior, a sort of sideways movement, or “gaming the system”. If meeting the system’s criteria – playing by its rules – is the way to win, figuring out how to satisfy these rules without really having to commit or bow to them becomes the strategy of choice. If the focus is on the rules, it doesn’t matter anymore, if the work is truly excellent from one’s own perspective, if it meets one’s own standards or satisfies one’s own curiosities. All that matters is how the work is assessed exter-

nally. This is insightfully discussed in the book *Gaming the Metrics: Misconduct and Manipulation in Academic Research* (Biagioli & Lippman, 2020), that focuses on new forms of academic misconduct that have been emerging through the “metrification” of academic success. These new forms of misconduct are not so much about fudging content (e.g. by fabricating data, reporting fake studies or plagiarism) they are about “bureaucratic manipulation”: making things appear more important and impactful than they actually are.

Consequently, papers and grant proposals are written to satisfy review criteria rather than doing the potentially risky, provocative, innovative work one might feel most called to do. Policy makers can write in the grant call all day long that “innovative work” is encouraged. It will only result in researchers trying to guess what is meant by “innovative” – what are the RULES OF INNOVATION?? – and aim to check those boxes. The gap between internal and external motivation simply cannot be bridged externally.

What impact does such a system have on researchers’ inner lights, their passion? According to the psychology of passion (Vallerand, 2015) there are two kinds: harmonious passion and obsessive passion. The obsessive passion is governed by an external locus of control and it is shown – you guessed it! – to contribute to burn out. While it is possible to let something rest when passionate about it harmoniously, there is a compulsion associated with obsessive passion that makes stepping away from the thing one is so passionate about very difficult. It is difficult because of the feared consequences stepping away – even for a short while – might have.

Satisfaction becomes a moving target and is no longer inherent in doing the thing itself but depending on its rewards (or fear of lack thereof). Self-esteem and identity are so tightly coupled to the passion in obsessive passion that it becomes questionable what is left, if one is not successful in that which one is passionate about.

Researchers who are fueled by obsessive passion feel great when a publication / proposal got accepted. For about five minutes. Next day, that feeling is just a mere memory and one needs to seek out the next “fix” / success to feel good about oneself. Any rejection is a devastating personal blow. From this fearful place, it becomes harder and harder to work joyfully, and without joy, it becomes harder and harder to do high quality work. While some (obsessively passionate) people manage to continue to produce astonishingly impressive results for a very long time, imagine how much better those results could be, if they were actually thriving internally! Thriving – as positive psychology has shown over and over again – does not tend to cause intellectual disadvantages! Our brains work better when we are not stressed, as Richard Boyatzis and Annie McKee have shown very convincingly in their seminal book *Resonant Leadership* (2005). Their leadership model is built on “resonance”, with mindfulness, hope and compassion being the corner stones of renewal, which, in turn, is the basis for resonance. I find it inspiring how they write about great leaders:

Great leaders are awake, aware, and attuned to themselves, to others, and to the world around them. They commit to their beliefs, stand strong in their

values, and live full, passionate lives. Great leaders are emotionally intelligent and they are mindful: they seek to live in full consciousness of self, others, nature and society. Great leaders face the uncertainty of today’s world with hope: they inspire through clarity of vision, optimism and a profound belief in their – and their people’s – ability to turn dreams into reality.

Great leaders face sacrifice, difficulties, and challenges, as well as opportunities, with empathy and compassion for the people they lead and those they serve. (Boyatzies & McKee, 2005, p. 3)

Is it possible to thrive in the system of academia? I would definitely say “YES.” BUT – I would be quick to add – it is DESPITE the system, not because of it. As alluded to before with the examples of Sandra Waddock’s *Intellectual Shamans*, the researchers that truly thrive keep a strong internal locus of control. They manage to do the work they really want to do and their “wants” happen to align with the system’s “shoulds” enough, that the system rewards them. These rewards remain a merely pragmatic concern, though. The researchers’ “inner light” (passion / joy / drive / energy) does not (so they say) depend on them.

What needs to be done, to help more researchers to thrive? We cannot get rid of the system from one day to the other. There is no ingrained culture to really support that anyways. Also, what would we really replace it with? System changes depend on attitude and value shifts. As long as we do not trust people to do their best work when they are nurtured, mentored, supported and feel safe rather than

being assessed, pressured and measured at every corner, the system will stay exactly as it is. But the system does not need to be perceived as all powerful. What we can do is put it in its place, by creating strong support initiatives at universities and across universities that strengthen:

- ♦ Internal locus of control of researchers
- ♦ Personal integrity (understood as an “inner wholeness”)
- ♦ Wayfinding towards a personal True North
- ♦ A sense of community and belonging where people do not act from a sense of scarcity but generosity and mutual support
- ♦ Cultivating different kinds of knowing that invite embodied practices into the way we do and live research / knowledge generation so our results contribute to wisdom

Great leaders, as described by Boyatzies and McKee, are instrumental in this work. Many are already doing it. They may not change policies, but they help to buffer the system’s expectations, protecting their people by conducting performance review as supportive conversations around passion.

In my own way, I have started doing this work years ago through coaching academics across career stages (I have several coaching certificates). I have created a Wayfinding group on Campus Gotland that meets regularly to explore researcher identity, cultivate navigation towards True North

and an authentic way of being in academia, and that helps build a supportive, trans-disciplinary community. All that we do in these Wayfinding groups is based on our values (as exemplified in the Transformative Leadership for Sustainability Workshops held by Monica Sharma and cChange). We practice grounding ourselves in these values in every interaction and take responsibility for the energy we bring into the room. This transforms our little, daily, moment-to-moment interactions and thus contributes to a quantum social change (O’Brien, 2021) that impacts in subtle and yet enormous ways the systems we find ourselves entangled with.

What can YOU do or are already doing to help yourself and the people you are responsible for to thrive? What is the energy you bring into the system of academia, your values? What stand do you ground yourself in?

Sarah Lynne Bowman, Josefin Westborg, Doris Rusch,
Josephine Baird, Kjell Hedgard Hugaas and Kaya Toft Thejls

Role-playing Games as a Tool for Training Interdisciplinary Collaboration

This chapter discusses analog role-playing games as vehicles for developing skills in interdisciplinary collaboration. We present the issues facing academia with regard to the constraints of disciplines, which can lead to issues in communication and understanding within research groups. We then discuss how analog role-playing games, in which players enact characters within a fictional scenario, can help expand the worldviews of participants, presenting basic theory from role-playing game studies. We describe five scenarios we developed for CIRCUS that explore challenges in interdisciplinary research in various stages of grant and results writing – the beginning, middle, and end of data collection – as well as the varied perspectives of funders on a panel. We finish the chapter by discussing the benefits of somatically embodying characters while practicing skills.

DISCIPLINE AS WORLDVIEW LIMITATION

Academia is excellent at shaping minds, especially to think in particular ways. The whole notion of a discipline in its very term is defined by narrowing perceptions, offering interpretive lenses, and imposing rigor with regard to specific methods. As a result, the academic project often relegates intellectual activity to particular directions as dictated by the relative trends and demands of one's scholarly environment, narrowing our view to a laser sharp focus, evaluating specific data in defined ways. While this approach offers a fine-tuned analytic process that fits into specific academic genres, it obfuscates the larger view of one's object of study within wider contexts, including learning from using lenses favored by other disciplines. Indeed, in some intellectual traditions, such alternative perspectives are considered with skepticism and suspicion, limiting our capacity for communication, collaboration, and exchange across disciplines. The result can be viewed as an impoverishment in curiosity, scope, and sometimes even usefulness of one's knowledge outside of specific limited contexts.

Thus, the interdisciplinary project that many universities and funding bodies are attempting to build is not just an attempt to maximize the quality of outputs by including additional perspectives. As Andrew Barry and Georgina Born (2013) state, "Interdisciplinarity has come to be at once a governmental demand, a reflexive orientation within the academy, and an object of knowledge." From our perspective, interdisciplinarity is a movement toward a greater mental flexibility, an expansion of the confines of limiting paradigms, viewing such things as one of many tools in a

multidisciplinary toolbelt. It also leads us to expand our view on components of the human experience that have been otherwise overlooked, shamed, or dismissed, within ourselves, our topics of study, and the participants and other stakeholders impacted by our research.

Such a movement cannot be cultivated through antiquated means of understanding reality. One cannot practice expanding one's worldview when also subjecting it to the demands that conditioned it in the first place. Thus creates a paradox within academic circles: we are asked increasingly to engage in research along the lines of buzzwords such as "cross-cutting," "interdisciplinary," "multidisciplinary," and even "transdisciplinary" (Klein 2017) without being given the methods with which to do so. Can a staunchly established discipline ever truly understand or teach interdisciplinarity? Can such a discipline ever understand the totality of the human experience, including the experiences of its very researchers and the conditions under which they labor, not to mention its subjects of study? Can liberation arise from conditions of limitation?

As explained by Rusch (7–24, this volume), as game designers, we learn to perceive all social systems as games. Academia is one that is gamified from the beginning: we learn early on that some people will win and others will lose. We are provided an endless array of hoops to jump through: assignments, courses, degrees, grant proposals, job applications, etc. We are told that those who work hard enough will succeed, and thus we labor under a false assumption that our work will pay off. Yet, for far too many, the game is fixed, with certain individuals primed to win, while others hang on to the wisps of a dream in order to

continue forward. Exhaustion, overwork, disappointment, and rejection haunt our steps, and yet many of us continue forward, hoping in some cases against hope, that we will be among those selected to be able to live a life of intellectual inquiry within conditions of relative stability.

Even for the lucky few who attain such status and stability, the demands become more intensive – to represent not only one’s Department and institution, but also one’s entire field, especially when engaged in interdisciplinary work such as cross-cutting grant proposals. The fate not only of our own careers hang in the balance, but also of those minds we hope to cultivate: our collaborators, our PhD students, our postdocs, but also our students at lower levels, the next generation who stand to benefit most from our intellectual labors, if not from the financial rewards potentially attached to them. Within this structure, we become not individual curious minds moving from our passion for discovery, but rather bureaucrats seeking the right words to check the correct boxes and signal to others we know the correct codes to pass as “experts,” the correct protocols to pass as “responsible.” Thus, our labor becomes alienated by the system that incentivizes it, causing us to always reach for something that can never fully be attained. Meanwhile, our deeper needs often lie fallow and unmet, subjugated by the exacting standards of “discipline.”

Can meaning and fulfillment still be found within such conditions? As game designers, we like to think so. The questions become: how can we understand this system, work within it, shift what is within our power, cultivate connection and support? What can games teach us about the human experience such that we can learn to identify

the many nuances at play in any given interaction within academia and beyond? How can we promote not only success, but also sustainability and, dare we say, soulfulness within academic collaborations? How can we expand our paradigms to make room for new ideas and innovations? How can we set our own limited worldviews aside to make room for the perspectives of others and empathy for their positions?

While these questions might seem daunting, we believe that we can begin to address them through a medium each of us in our own way has found life-changing: role-playing games. If academia is a game, then what can the conscious design and play of games teach us about the conditions under which we labor, as well as possibilities to transform them, or at least transform ourselves and our relationships within them?

ROLE-PLAYING GAMES AS WORLDVIEW EXPANSION
Role-playing is a tool that is essential to human meaning making, storytelling, and cultural expression. We learn to play roles at a young age through pretend play, practicing various ways of being through imaginal embodiment. As we get older, such play often gets relegated to extremely specific settings within which it is “productive” and thus accessible, namely through creative work such as theatre, improvisation, performance art, novel writing, etc., as well as in professional training, such as in military, education, business, and therapeutic settings (Bowman 2010). Yet, some of the most groundbreaking work arises not from these professionalized role-playing settings,

but rather from within leisure role-playing games, which each of us have experienced during our formative years. The Nordic live action role-playing (larp) tradition has been a particular influence for us, an avant-garde movement of experimental live action role-playing games (larps), often with serious socially realistic and relevant themes (Stenros and Montola eds. 2010). Thus, we make a distinction between *role-playing*, which is often present in experiential learning of all sorts, and *role-playing games*, which emerge from particular leisure communities and the discourses surrounding them.

We are especially interested in analog role-playing games, such as tabletop, freeform, and live action role-playing games (larp) rather than video games, as analog games offer much more freedom and agency in terms of co-creation. At the Transformative Play Initiative, we take the insights developed within these leisure communities and apply them to more focused settings, such as leisure, educational, and therapeutic games designed to facilitate transformative impacts. We are especially interested in role-playing games as vehicles for identity exploration (Baird 2021), as well as environments within which players can practice a variety of cognitive, affective, and behavioral skills (Bowman 2014; Bowman and Westborg 2022).

These games can be studied from a variety of disciplinary perspectives, yet, tend to elude discrete boundaries. For example, role-playing games have been examined as theatre, games, art (Stenros 2010), information (Harviainen 2012), media (Stang and Trammell 2020), literature (Jara and Torner 2018), psychological (Bowman and Lieberoth 2018; Kapitany, Hampejs, and Goldstein 2022),

sociocultural (Byers and Crocco, eds. 2016), and sociolinguistic phenomena (Dashliell 2020; 2021), to name a few. However, one discipline cannot contain them, and thus we tend to think of them as *anti-disciplinary* (White, Torner, and Bowman 2022).

We define role-playing games as “co-creative experiences in which participants immerse into fictional characters and realities for a bounded period of time through emergent playfulness” (Bowman 2022). In other words, participants do not merely suspend their disbelief to enjoy a fictional narrative as in reading a book or watching a movie; participants *pretend to believe* that they are a different character within a certain set of fictional conditions (Pohjola 2004). This *pretensive shared reality* (Kapitany, Hampejs, and Goldstein 2022) is cultivated and maintained by the members of the group, taking place within a *magic circle* of play that contains all the contents of the game and behaviors within it (Huizinga 1958; Salen and Zimmerman 2003). Players agree to a social contract of play, whether implicitly or explicitly, within which the rules of social reality are temporarily changed and reformed within the new established system of dynamics (Montola 2012). Thus, for all intents and purposes, players create and embody new selves within a new fictional world, exploring the boundaries of their imagination through co-creation. If academic disciplines are overly prescriptive and limiting, role-playing games can be a means of expansion: to think outside of the box through taking the perspective of another person in a different set of constraints.

Inherent to the role-playing process are two important factors that are often interrelated in complex ways:

alibi and *bleed*. *Alibi* is the means by which we feel safe enough to play and are granted permission to behave in ways that might otherwise incur social costs or embarrassment (Montola 2010; Deterding 2017). The character and the fiction provide an alibi for whatever happens within play, as we can always claim not to have fully been there, i.e. “It’s what my character would have done,” or “It wasn’t me; it was my character who behaved that way.” *Bleed*, on the other hand, is the psychological phenomenon in which contents from daily life spillover into the game world and vice versa (Bowman 2022). *Bleed* can affect emotions (Montola 2010), physical states (Hugaas 2019), ideologies (Hugaas 2019), relationships (Waern 2010; Bowman 2013), and even our personalities (Beltrán 2012). While *alibi* might facilitate *bleed* by giving players permission to behave in ways distinct from their daily social selves, *bleed* in some ways counters *alibi*, in that it reminds players that we share the same body as our characters and our experiences are real within the magic circle, even if they are not consequential in the same way as our actions in daily life may be (Lankoski and Järvelä 2012; Järvelä 2019).

At the Transformative Play Initiative at Uppsala University’s Department of Game Design, we are particularly interested in role-playing games as tools for personal and social change. Transformation in this sense can occur in any game, whether designed for leisure, educational, therapeutic, or artistic purposes. However, we are especially interested in designing experiences that make transformation more possible: that facilitate transfer of knowledge (Illeris 2009) and integration of insights from games to our daily lives (Bowman and Hugaas 2019; 2021). It is within

this understanding of the potential of role-playing games that we designed scenarios for interdisciplinary research collaboration for Uppsala’s Centre for Integrated Research on Culture and Society (CIRCUS, 2022).

THE CIRCUS COMES TO TOWN: ROLE-PLAYING AS PRACTICE FOR LIFE

When Claes-Fredrik Helgesson approached the Transformative Play Initiative for a potential collaboration, he brought with him a few collectors’ cards the staff at CIRCUS had devised to use as conversation starters for a virtual interdisciplinary garden party during the pandemic. These cards included “professorial stereotypes” of the kinds of researchers one might encounter in interdisciplinary collaborations, such as the Academic Rebel, the Public Intellectual, the Classical Scholar, and so on. While these cards were intended to be amusing talking points, they immediately called to our minds role-playing game characters, who are sometimes pre-designed with specific backgrounds, relationships, goals, fears, and so on.

After much discussion, we agreed to compose five role-playing scenarios intended to help researchers explore the complexities of interdisciplinary collaboration at various stages of a project. The stereotypes instead turned into characters with specific disciplinary perspectives, i.e. the Primary Investigator with the Big Idea they want to pitch to others; the Artist Practitioner; the Social Scientist; the Technophile; the Health Scientist; and the Administrator. While participants have some choices with regard to how

they decide to interpret these characters, such as their academic specialties, each of these characters is given motivations, goals, needs, and fears that are driving their participation in the group. Thus, our scenarios are not only focused on the challenges of operating from differing paradigms, but also of interpersonal dynamics within a group from diverse backgrounds. As we are engaged in our own interdisciplinary grant proposals and other projects, we drew from our own current experience as a means to try to understand the social, logistical, and structural systems underpinning these interactions. What emerged were scenarios that are quite specifically designed for career researchers that we hope will give them enough recognizable content to be playable and will be evocative enough to promote bleed as a positive force for transformation, but that are not so similar to their own identities that players do not have sufficient alibi. Based on our playtesting at CIRCUS workshops and their Summer School 2022–2024, the results of these scenarios for this particular population are promising.

We decided to focus on different stages of the collaboration process. Research collaborators will often become central figures in each other's lives, especially during funding applications and over time as a project matures. As such, we considered research meetings somewhat akin to dating, as collaborators are attempting to build long-term professional relationships: the first meeting will be quite different in tone from a meeting leading up to a high-stress deadline. With guidance from CIRCUS' Claes-Fredrik, Ingrid Berg, and Maria Pananaki, we established five scenarios that might be relevant for career researchers:

1) **COMMON GROUND:** A scenario set during the first meeting of a group of researchers from vastly different positions and backgrounds. These researchers are trying to determine if they are interested in working together toward a common research project, figuring out if everyone's research agenda can be included in the pitch, and evaluating how well they think they might collaborate with the different personalities in the group. This scenario focuses on communication and collaboration skills, as well as addressing the emotions and needs involved in decision-making processes.

2) **THE DEADLINE:** A scenario set during the development process of a research proposal. The group of academics are trying to revise their proposal based on each of their interests and research agendas after having received extensive feedback from colleagues. Conflicts emerge in the group as individuals have different needs and perspectives that clash. These conflicts must be addressed or the proposal will not meet the deadline. This scenario utilizes practices of conflict transformation (Lederach 2014; Khosropour, Gullick, and Taraghi 2022) and nonviolent communication (Rosenberg 2015) to help researchers address the needs of everyone in a group most peacefully and effectively.

3) **THE PITCH SESSION:** A scenario set during a proposal workshop and subsequent pitch session. Researchers collaboratively create a short research abstract based upon their established interests and methods. Then, the researchers deliver a short speech explaining this

research to funders, detailing how each of their skills are essential to the project as a whole. The goal of this workshop is to practice synthesizing different styles of writing and disciplinary language into a coherent proposal, as well as to practice written and verbal persuasion, leveraging the argumentation skills of everyone in the group to create an effective and intriguing proposal.

4) **THE COMMITTEE:** A scenario set during the assessment phase of a grant proposal. The players enact the roles of different members on the committee of a generic Swedish funding body with a limited amount of resources to distribute to projects. Funders have vastly different backgrounds, areas of expertise, and vested interests, debating the relative merits of a specific project based on their own perspectives. The goals of this scenario are focused on collaboration and assessment, teaching researchers to experiment with taking the perspectives of funders on the other side of the process.

5) **THE COLLABORATION PRENUP:** Based on work by Lyall et al. (2011), this scenario is set during the compilation phase of research where the academics on the project are writing up the results for an interdisciplinary conference. Researchers have some preliminary data analysis from their study. They each have different perspectives on how to proceed with the research based on their own goals and the needs of their departments and disciplines. The researchers go over specific questions from the Prenup (Lyall et al. 2011), including how much

data to reveal, which venues to pursue to present the work, and agreements around authorship. The goals of this scenario are practicing multidisciplinary collaboration, conflict management (Cahn and Abigail 2014), establishing shared agreements, and strategizing for academic publications.

These scenarios range from two (2) to three and a half (3.5) hours in length, which includes workshopping, character creation, game play, and debriefing. Workshops are designed to help participants ease into the game, build trust with other players, and learn how to engage in a step-by-step process, which is especially important for beginners. The final structured debriefing stage is crucial for educational role-playing, as it guides players toward important takeaways and connections to wider contexts as they relate to the scenarios' learning objectives. Thus, the game play stage might be quite short in comparison to these preparation and reincorporation stages, the role-playing acting as a springboard from which to make connections, have a-ha moments, and distill important insights.

Unlike many role-playing scenarios for professional purposes, which often focus solely on the characters' positions and interests, our scenarios also bring in characters' deeper needs, feelings, goals, and backgrounds, etc. However, character descriptions are still kept short in order to be accessible for new players and not overwhelm them with new information. The balancing act with designing such scenarios involves giving just enough information that the participants can play upon regardless of whether or not they personally relate to the character descriptions.

PRACTICE MAKES COMPETENT

The philosophy behind using role-playing games as a tool for training is that *practice makes competent*, rather than practice makes perfect. One will never perfect interpersonal skills or interdisciplinary collaboration. However, one cannot learn how to collaborate simply by reading academic articles or reading theory about the topic either. Role-playing games provide opportunities for *behavior rehearsal*: trying out different behaviors that might be awkward at first, but with practice can feel more natural over time. Thus, these games were designed to allow players a low-stakes environment to practice a variety of different skills at the same time: self-advocacy, persuasion, emotional regulation, peaceful negotiation, synthesizing distinct research agendas, etc.

In some cases, participants are provided with specific tools to practice using, whereas in others, conflicts are meant to escalate without the relief of resolution in sight. The idea here is that being handed tools can only take a person so far in regard to training skills: they must also practice using the tools in moments of heightened emotional activation and stress, even if under fictional constraints. For example, in *The Deadline*, we integrate principles from Austin Community College's Conflict Transformation Academy (Taraghi, Bowman, and Khosropour 2022) in the scenarios, where Bowman and Hugaas also participate as trainers and role-playing game designers, including a script for "I-Statements" similar to those used in nonviolent communication (Rosenberg 2015). CIRCUS is informed by the team-oriented aspects of interdisciplinary work discussed in Lyall et al. (2011), who emphasize the

importance for a new team to early on discuss roles and expectations on one another (p. 62). We therefore integrated parts of The Collaborator's Prenup mentioned in said volume, which is a tool suggested to help collaborators talk through key common issues in research groups in order to circumvent future misunderstandings and disagreements that can rupture a team. However, some scenarios featured no such tools and in each scenario, participants are encouraged to let conflicts escalate rather than trying to "solve" them "correctly" from the beginning. This instruction frees participants from having to "get it right," and instead lets them explore the complexities of human interaction present in these groups, including pain points that may not be easily resolvable.

In our view, emotional and intellectual processing is essential to facilitate transfer and integration (Bowman and Hugaas 2019, 2021; Westborg 2022). Thus, each of our scenarios features debrief questions for players to process. We also recommend having a separate feedback questionnaire sent to participants in the days following one of these exercises to give space for new insights to emerge and critiques of the game to be heard. Debriefing and feedback, however, should remain separate processes; the first focuses on the player's relationship to their own experience and the takeaways they can distill, whereas the second focuses on the logistics of the game and/or workshop itself. One can distract from the other if not distinguished as separate phases. The most crucial part is the debriefing, although follow-up activities can take many forms, including journaling, informal discussions, etc (Bowman and Hugaas 2019).

● THE SIGNIFICANCE OF SOMATIC PLAY

The rigors of “discipline” may lead to excellence within a specific narrow focus of research, but do so to the detriment of academia as a whole and scholars in particular. Reducing one’s academic capacities to a specific set of parameters leads to richness within that paradigm, but impoverishment of thought on topics outside of its scope. This impoverishment relates not only to the intellect of academics, but also to their experiences within their holistic selves. The foregrounding of intellectual rigor within district academic paradigms atrophies other means of knowing within the self, including emotional, intuitive, interrelational, ecological, and even spiritual dimensions. As such, the scholar’s body becomes little more than a housing for their intellect, disciplined into subjection by the demands of the academic culture within which they have been cultivated. The scholar’s emotions become a nuisance at best and a liability at worst. Relationships with others become confined to what benefits they can have to one’s academic projects, grant proposals, and other lines on their CVs. These issues are compounded by the demands of capital, especially when one’s life work gets equated to one’s marketability in terms of drawing in funding or racking up citations. Like many other facets of the human experience in the contemporary West, our worth is defined and established by numbers, churned through some complex equation by which our intellectual output can be reduced to a ranking of financial viability.

We cannot change the context within which academia is structured, at least without a major overhaul of a system that is clearly beneficial for individuals lucky enough

to thrive within it. However, we can make the academic process more humanistic, acknowledging the whole self as part of our contributions to society, not just the quality of our thought or or willingness to contribute in prescribed ways. We can expand the scope of our understanding to become open and curious to new ideas, ones that fall outside of our disciplinary confines. We can learn to weave together knowledge from a plurality of perspectives, also taking into account the human dimensions that affect this great work: emotions, needs, goals, pressures, and other factors that influence our own ways of being in the world, as well as the experiences of larger groups locally, regionally, nationally, and globally. Role-playing games represent one of many toolkits we can employ to help explore these complexities in a way that is life-affirming to the individual and communally bonding to the group members, all of whom labor under these demanding constraints.

● CONCLUSION

In this chapter, we have presented a rather bleak view of academia as it is, theorizing about the inherent difficulties and paradoxes of interdisciplinary work within established academic structures. We then discussed the ways in which games, and especially role-playing games, can help individuals with perspective taking, hopefully developing greater empathy for themselves, but also for others, especially people from various marginalized backgrounds (Leonard, Janjetovic, and Usman 2021) even within academia, including through the process of bleed (Pöllänen and Arjoranta 2021). Finally, we outlined

five scenarios that we designed for the specific purpose of fostering interdisciplinary research collaborations, thus bringing this theory into embodied practice. We hope that this introduction to the scenarios provides insight into the purposes behind our design, as well as the potentiality contained within them as tools to explore the vast complexity of human interaction within this context.

Sarah Lynne Bowman and Josefin Westborg

Facilitating Role-playing Scenarios for Educational Impacts

As we proceed from the abstract to the more concrete, some instruction is necessary to translate these theoretical and hypothetical concepts into practice. Thus, this text will discuss the importance of the role of the facilitator in steering educational role-playing games toward deep play, powerful insights, as well as any intended learning objectives. This text will discuss the following:

1. An introduction to role-playing games as facilitated rituals;
2. A discussion of the role of the facilitator as a guide when playing for transformative impacts;
3. General advice on how to facilitate a *freeform* scenario, the type of role-playing from which we draw much of our design inspiration and practice; and
4. Information about facilitating the specific scenarios in this volume.

FACILITATION, GAMES, AND RITUALS

The goal of the facilitator in role-playing scenarios is to guide participants through the exercise, helping them feel safe enough to take a risk, play, and learn. When games are played in professional settings such as among colleagues at a university, the stakes might feel high for participants. They may want to save face, be afraid of “getting something wrong,” seeming incapable, ruining the experience for others, or being too vulnerable.

However, if the facilitator can provide an environment in which they feel sufficiently held (Winnicott 1960), the group can become a *transformational container* (Bowman and Hugaas 2021; Bowman and Baird 2022) within which players can practice different identities, behaviors, and relationship dynamics. They can also learn key skills, such as communication, collaboration, and conflict transformation. The act of playing can draw colleagues closer together, as through the role, they can explore cognitive states and emotional depths that would otherwise be difficult to attain, especially within a professional environment.

In our experience running these role-playing games at workshops for CIRCUS, researchers were able to engage in metareflection (Levin 2020; 2022) in a group setting, as it allows them to experience two layers of identity at the same time: the person playing the game and the character experiencing the unfolding scene. This productive space can lead to powerful insights, especially when paired with thorough emotional and educational debriefing (Westborg 2022), i.e., processing the affective experiences with the group, while also making connections between the events in the scenario with the intended learning objectives.

From this perspective, three main phases of play are important to emphasize: before, during, and after. While this may sound obvious, the practicalities of facilitating role-playing games can become quite complex. At their core, enacted role-playing games are rituals (Bowman 2010; Beltrán 2012) in which players experience:

- 1) A PREPARATION PHASE, in which players engage in practices that prepare them to shift into another role in a fictional setting. This phase marks a separation between daily life and the enactment of the ritual (Turner 1995).

For the purposes of these scenarios, the Preparation phase mostly takes place in the form of a workshop that facilitators will run for the group, providing players with the tools needed to feel safe and dare to engage in playful behavior in a professional setting.

- 2) A LIMINAL PHASE, in which players shed their previous social roles and embody new ones by crossing the threshold from reality to fictional play. They cross a conceptual threshold and step into *liminality*: a “betwixt and between state” (Turner 1995) within which they are able to enact different social behaviors through the *alibi* of play (Montola 2010; Deterding 2017). In game studies, this concept is called *the magic circle* (Huizinga 1958; Salen and Zimmerman 2003), where participants agree upon different social rules within an agreed upon social contract of play.

For the purposes of this book, the Liminal phase begins at the start of the game and concludes when the scenes are complete, i.e. *gameplay*.

3) A RETURN PHASE, in which participants shed the roles and behaviors of the ritual and enter back into daily life, *reincorporating* into the social fabric while integrating lessons from the ritual.

For the purposes of this book, the Return phase is signaled by *de-roling*, *debriefing*, and *transitioning back to daily life* (Bowman and Hugaas 2019).

Rituals work best when guided by a facilitator and shared as a collective experience in a group setting, which invigorates a feeling of *communitas* (Turner 1969), or interconnectedness within the community.

These stages may sound daunting to first-time or less experienced facilitators, but we encourage you not to worry: humans are ritual-making machines. Your job is to provide players with the tools needed for success, guidance through these stages, enough safety to embolden them to step outside of their comfort zone, and most importantly, encouragement. And, ideally, they will have learned about themselves, others, and the research collaboration process along the way.

Just follow the steps, trust yourself, and believe in your participants. It often surprises us how little it takes for adults to remember how to play, to morph, to shape-shift, and to express. Your job is to give them permission to do so.

● FACILITATING TRANSFORMATIVE ● ROLE-PLAYING GAMES

The role-playing scenarios we have designed come from a tradition called freeform (Westerling and Hultman 2019). While the term freeform has been used in many role-playing communities, we use the term to indicate a design tradition originating in the Nordic countries and further developing in the United States and elsewhere (Stark 2012; Stark 2016). We consider freeform a type of live action role-playing game (larp), in which the players physically enact their character's movements. However, unlike many larps, freedom does not necessitate props, costuming, or a realistic setting. It can be played around a table without much physical enactment or can be acted out in a more embodied fashion. Our scenarios are "meeting larps," but are not necessarily enacted exactly like reality; you could role-play over Zoom that you are physically sitting around a table sharing ideas or vice versa with little impact on the practicalities of the game.

Actions in freeform games do not necessarily correspond to actual events. Similar to improvisational theatre, a person can hold a hand to their ear and pretend to be on a phone. Freeform also does not require extensive preparation on the part of the facilitator or players compared to other complex role-playing scenarios. As a facilitator, you will engage in your own Preparation for the ritual: you will read the scenario thoroughly, familiarize yourself with the various stages, and collect necessary materials for play, e.g. print outs and pens. However, you do not need to memorize the scenario or design the stages of the game: we have done that for you. Simply read the script, announce the

parts that should be read aloud, and make sure to follow the instructions carefully for each stage.

As far as tone, these scenarios are designed to be played seriously and realistically in order to mimic situations that might be familiar enough for participants to find them relatable, but distinct enough to not resemble their daily lives too strongly. That being said, these points of relatability can lead to an experience called bleed, in which the thoughts, feelings, ideological structures, relationship dynamics, and physical states can spill over from player to character and vice versa (Montola 2010; Bowman 2013; Hugaas 2019). In some cases, if a game experience is transformative enough, they may experience ego bleed, in which aspects of personality spill over into their daily identity (Beltrán 2012). Bleed is a neutral state that is neither positive nor negative, although it can be experienced as either depending on the way the individual and the group work to process it (Bowman 2013). Facilitators and players can also *steer* (Montola, Stenros, and Saitta 2015) toward bleed experiences in order to maximize the potential for transformative impacts to occur (Bowman and Hugaas 2021).

In this case, you are guiding players through experiences they may find relatable in order to engage both their emotions and their intellect. By stepping outside of ourselves for a few moments and engaging in perspective taking, players can develop empathy for themselves and others (Leonard, Janjetovic, and Usman 2021). Thus, although the participants of these scenarios may play characters with backgrounds outside of their own expertise, they are playing within a familiar sort of situation, one that involves conflicts, competing agendas, different goals, and deep-seated fears.

By exploring and processing these sorts of experiences fictionally in the relatively safe container of the group, players can set aside their own fears and concerns and allow their character to behave differently and even sometimes fail in a way that is instructive. Thus, in order to maximize their impacts, these scenarios should be facilitated with clear goals stated up front to players, a transparent process, and thorough post-game reflection exercises: called debriefs. Guided reflection can help players distill takeaways that they can integrate into their daily lives (Bowman and Hugaas 2021) and that hopefully will improve their interdisciplinary research collaboration practices and relationships.

I FACILITATING FREEFORM SCENARIOS

On a practical level, in addition to the scenes, scenarios tend to include:

- 1) A **PREPARATION PHASE**, in which the facilitator gathers the necessary materials and establishes the play space;
- 2) A **PRE-GAME PHASE**, in which the facilitator gives a brief and the players get to workshop and practice relevant parts. The brief includes the facilitator instructing players about the goals of the game, the setting, the themes, and any *safety mechanics* (Koljonen 2020) and/or *meta-techniques* (Westerling and Hultman 2019) that may be included.

Safety mechanics are ways for players to signal their needs during the game, e.g., methods to Cut or Pause a scene, how to opt-out, indicate what they are saying is Off-game (i.e. not happening in the fiction), etc.

Meta-techniques are ways to enhance the fiction, e.g. *monologuing* aloud the character's private inner thoughts to deepen the scene for everyone and provide cues upon which others may wish to improvise later.

3) A STRUCTURED DEBRIEF, in which the facilitator guides players through a process of emotional, intellectual, and/or educational processing (Westborg 2022).

Thus, freeform facilitation is a lot like directing a film: it works best when the facilitator is not afraid to cut at the height of the drama or steer toward increased intensity and depth. The goal of these scenarios is not always for players to “get it right” and behave like a model team member. In fact, allowing conflicts to escalate and reach a crescendo can be important for exploring the emotional and intellectual complexity underlying our interactions with others, especially in a high-stakes competitive intellectual environment such as academia. Thus, even if the scenarios might seem unrealistic in terms of how a typical collaboration meeting might unfold, the tension is elevated in order to unpack these complexities and feel them fully. Ideally, the facilitator will then guide players to distill takeaways after the game to help them better understand human behavior and the nuances of team dynamics.

Role-playing games allow for an exceptional amount of player agency over the narrative, meaning that the choices

players make can dramatically impact what unfolds during the scene. From this perspective, the players may end up making choices as their character that stray from the script. As a facilitator, your job is to use your intuition to allow players to explore what is most alive for their characters in that moment, while also making sure the learning objectives are met, as these games are meant to be educational. Therefore, it may be entirely appropriate to allow players to escalate a conflict until one of them dramatically storms away forever rather than finding a mutual solution and completing the task at hand; indeed, this sequence of events happened at one of our playtests for CIRCUS. Finding the right balance of allowing players to make meaningful choices through emergent play (Torner 2018) and navigating the group toward the learning objectives is part of the challenge – and also the art form – of facilitation (Bowman 2017).

Similarly, if a scene seems to be slow to start or petering out, as a facilitator, you can nudge the players toward more focused, intense play. For example, if a character is sitting quietly while others talk over them, the facilitator might call “Pause” and then ask the character to “Monologue.” This meta-technique gives the player permission to break into the scene, even if both they and their character might find such behavior rude, without having in-game consequences, for example verbalizing their inner thoughts, “I’m so anxious in this meeting. What if they find out I know so little about this subject matter?” The facilitator then starts the scene again. The players can then steer their characters to amplify that character’s thoughts through their character’s actions, such as gesturing to the character in question and asking, “Your expertise is so vital to the success of this

project. How do you envision yourself engaging with this subject matter?”

Alternatively, the facilitator might call for monologues from the other group members, who may in turn share similar sentiments, revealing the insecurities many scholars feel in these situations. If you are playing a facilitator character such as the Administrator, you might choose to steer the direction of the game through your own improvisational play, saying something like, “I know these grants can be intimidating, but we must come to a decision soon...” to increase the drama. Remember: you are a player too, but try to guide the players to be active in the scene rather than taking up a lot of space. Whether through meta-techniques or your own role-playing, your job is to shine the spotlight on each of the characters and give them an opportunity to participate more deeply.

At this point in the scene, you might then call “Cut!” even though the scene has not been resolved narratively. Often in freeform facilitation, cutting at the height of the escalation can lead to the highest degree of sustained engagement. In this case, calling “Cut!” even though the characters have not solved their problems peacefully might lead players to reflect on what not to do or why groups might fall apart. In this case, the insight gleaned from the fears underlying the conflict might actually be more important to the learning objectives than practicing successful collaboration.

However, if the scenario is about practicing a concrete skill such as I-statements in nonviolent communication (Rosenberg 2015), then you should allow the tension to escalate to a boiling point, then steer toward trying the more vulnerable and collaborative tool. This process enables

players to watch how conflict can transform into opportunities for growth in an embodied way, which might be instructive for them in their future interactions.

Thus, successful facilitation requires remaining attuned to the group, giving players the opportunity to step in through precise and incisive action, and steering toward deeper intensity and insight. It may take practice to become highly skilled at freeform facilitation. However, again, trust yourself and your intuition. Give yourself permission not to be perfect. Trust the group to be thankful for your guidance, regardless of any bumps around the way. And try to enjoy yourself!

FACILITATING THE SCENARIOS IN THIS VOLUME
The scenarios are intended to be separate from one another as standalone games, although they work with similar character types, scenarios, and themes. They can be played in any order, but we have created a sequence that can work as a starting point. You can play all five scenarios or choose specific scenarios that fit your purpose. If you are running one of these scenarios for the first time and/or if the participants are new to role-playing, we recommend adding this section to the start of the scenario:

WHAT IS LARP, WHY ARE WE DOING THIS? (10 MIN):

Here the facilitator explains what larp is and why we are using this method.

What is larp?

(Read aloud) Larp, live-action role-playing, is a co-cre-

ative experience where we together create a story for a bounded period of time through emergent playfulness. All participants play a role, a fictional character (so you are not playing yourself but somebody else), and you are doing this in an embodied manner. By improvising from the character and immersing into the fictional reality, the story is created. Larp is sometimes described as improv theatre, but without any audience. (/Read aloud)

Why are we doing this?

(Read aloud) Role-playing scenarios have been used for educational purposes for hundreds of years, perhaps even millennia. You may recall practicing social roles and skills through play as a child. Larping as an adult is a more advanced version of that kind of pretend play. Role-playing games can help players engage in perspective-taking; create meaningful connections between knowledge and personally relevant experiences; see the cause and effect of one's actions; and many other skills. It is a helpful multimodal didactic tool where the participants have a lot of agency to make meaningful choices and are able to have an embodied learning experience.

Larp is often great at highlighting issues within a dynamic or a system. It is not always about problem-solving. Since we have a very short amount of time together, we will use larp as a catalyst to reveal dynamics that may emerge in interdisciplinary research teams. While we will practice solutions in some of the scenarios, the important thing is to let conflicts escalate so we can understand them better and discuss these dynamics afterwards. (/Read aloud)

All of the scenarios are written to follow the same basic structure, which will hopefully help you and your players recognise the basic format if playing multiple games from this volume.

THE CHARACTERS: Each scenario is about a new group of characters. You are not playing the same character in another game, even if both of the character types are named the same, for example, the Technophile.

You may encourage participants to try to play different types of characters to explore the subjects from different angles. Alternatively, they can play the same basic type of character, such as the Social Scientist, in different social dynamics and at distinct stages of the research process, which can also be interesting to explore.

GROUP SIZE: Our scenarios are made to be run either in one small group of 3–5 players or in a larger group which can be broken up into several smaller groups of 3–5 players for the purposes of play and some of the workshops and debriefing parts. One of the scenarios, The Pitch Session, is made specifically to be run in a larger group, as it contains moments where the groups interact with each other.

The default starting position for these scenarios is to start the pre-game phase with everyone present in the larger group. If you are only playing with one small group, then you do not need breakout groups. Instead of having small group debriefs to start and then completing in the large group, you will keep everyone together and ask all the questions during the same debriefing session.

FACILITATORS: All of our scenarios are designed for one facilitator per small group. If you are an experienced facilitator, you might be able to facilitate more than one group at a time, but you will need to make some adjustments to the game design accordingly.

TIME: All given times are estimates. A playthrough can take more or less time depending on the group. If you have facilitated many of the scenarios for the same group, your workshops may be quicker each time, as you already have explained the basics during the previous runs.

ONLINE VS. IN-PERSON PLAY: All of our scenarios could be run online or physically. Whatever modality you choose, you should adjust the scenario to match it. We have given some prompts for how to approach this process in the scenarios. However, we recommend that you read through the scenario first and think through how you will handle the facilitation based on your play conditions.

READ ALOUD: The scenarios have parts with instructions that should be read aloud to the participants. They are marked so that they start with (Read aloud) and end with (/Read aloud). Everything in between should be read to the group, whereas other facilitation instructions is aimed at you as the facilitator.

ONWARD AND UPWARDS: We wish you the best of luck on your facilitation journey and hope that your players have a rewarding and bonding educational experience.

The scenarios

1. Common Ground (p. 61)
3. The Deadline (p. 82)
4. The Committee (p. 114)
5. The Prenup (p. 135)

About the scenarios

Five role-playing game scenarios were developed as part of this booklet project: 1. Common Ground, 2. The Pitch Session, 3. The Deadline, 4. The Committee and 5. The Prenup. These scenarios all touch on situations that can arise during the collaboration process in an interdisciplinary research project.

Because of space limitations this physical version will not contain scenario 2. The Pitch Session.

The scenarios are intended to be separate from one another as standalone games, although they work with similar character types, scenarios, and themes. They can be played in any order, but we have created a sequence that can work as a starting point. You can play all five scenarios or choose specific scenarios that fit your purpose. For more information about how to facilitate the games, see the Chapter “Facilitating Role-playing Scenarios for Educational Impacts”.

All scenarios have a digital copy to make them easier to use. In the digital copies, each scenario is split into different documents prepared for printing. All scenarios can be downloaded here: <https://urn.kb.se/resolve?urn=urn:nbn:se:uu:diva-537057>

1. Common Ground Scenario

Design: Sarah Lynne Bowman, Josefin Westborg, Kaya Toft Thejls, Kjell Hedgard Hugaas and Josephine Baird

In this scenario you play the early stage of a research project when the group is just coming together trying to decide if they want to participate in the project. The purpose of this role-playing scenario is to help researchers explore the complexities of finding common ground when applying for funding with a group of diverse, multi-disciplinary scholars.

LEARNING OBJECTIVES

- 1: To navigate the process of integrating the ideas, research areas, and expertise of members from diverse educational backgrounds into one coherent proposal.
- 2: To explore the different interests and needs of researchers within a project.

NUMBER OF PLAYERS AND ROLES

This scenario is designed for one or more groups of 3–5 participants with one facilitator per group. If less than 3 participants in any group, instead add those participants to other groups. If playing with 3 players, use the main characters. If more players, then add the extra characters in numbered order.

FACILITATORS

The facilitator/s will run the stages of the meeting in the scenario. They are playing a person from the administration that is there to help.

PHYSICAL REQUIREMENTS

One big room where all participants can fit. Either the room needs to be big enough for all groups to be able to sit spread out and work or you will need break out rooms for each group. The game can also be played online on Zoom or other platforms.

TIME

This scenario is planned to take 2 hours in total including two 10 min breaks. If playing with only one group then skip the part about changing rooms and do all parts in the small group.

DOCUMENTS

- A. This game design document
- B. Character sheets
- C. Short character description (For the facilitator to get a quick overview. Not included in this book but available in the online version).

PRE-GAME (45 MIN INC 10 MIN BREAK)

HI AND WELCOME! Welcome all participants and present the facilitator(s).

WHAT WILL HAPPEN TODAY? (5 min) Here the facilitator gives a short overview of the day and explains the learning objectives of the scenario.

(Read aloud) Today we are going to play a role-playing scenario together. We will work in smaller groups and each group will get their own facilitator as support through the experience. We are starting out with getting to know what the scenario is about and some general information. After that we are splitting you into smaller groups where you then will be given your characters and do some workshops. You will then get a short break before we will play the game. When the game is done we will process the experience first in the smaller groups, have a short break and then keep processing in the large group before we are done.

The learning objectives for today scenario are as follows:
1: To navigate the process of integrating the ideas, research areas, and expertise of members from diverse educational backgrounds into one coherent proposal.
2: To explore the different interests and needs of researchers within a project. (Read aloud)

INTRO TO THE SCENARIO (5 min) Here the participants will be introduced to the setting for the scenario and techniques that will be used to play the scenario.

(Read aloud) You have been invited to a meeting to take part in a research project brainstorming workshop. You have received a small amount of funding to attend and are being asked to join a larger grant proposal. The goal of this scenario is not necessarily for the team to “succeed” or agree on all the details of a grant proposal, as they each have different interests. Play upon your desire to potentially collaborate, but also the differences within the group, your character’s needs, and their fears. It is perfectly okay if the project proposal fails or is rough, or if the characters cannot agree on a coherent pitch. The point is to explore the process of trying to find common ground. (/Read aloud)

The facilitator will go over the following metatechniques:

Pause: will put the game on pause. Used by the facilitators. If the facilitator at anytime say pause then everyone will “freeze” the game and listen to the facilitator. This can be used to give information, to ask questions or give directions. When the facilitator says “play” the game will start again as if nothing happened.

Off-game: if you as a player need to stop the play for any reason. You as a player can at anytime say “off-game” to stop the game. We will then stop playing our characters and listen to the player that said “off-game” and what they need. If playing online this can also be done by sending a message privately to the game master during the scenario.

Monologue: if the facilitator asks for a monologue, your character shares what they are thinking and feeling right now. It is a glimpse into the inner thoughts of that character. This response is not heard by the other characters, only the players.

GO OUT INTO BREAK-OUT ROOMS IN THE SMALL GROUPS (5 min) If you have more than one group, split them into smaller groups of 3–5 players (one group per facilitator) and go out into the break-out rooms. Facilitators: remember to follow the script and to make sure to keep track of time for each section.

CHARACTERS (10 MIN)

GETTING CHARACTERS (7 min) The facilitator informs the group that it’s now time for getting characters. Remind the players that they will play characters that are meeting to discuss a research project. The Primary Investigator has had a “big idea” and invited the rest to present it. Be clear that the “big idea” can be a terrible one, which is totally fine since it’s not the main focus of this scenario.

(Read aloud) Remember: you are not your character. You can decide to play someone like yourself or very different. You can also play in a subtle way, or more intensely depending on your preference. Either way, you can allow your character to be wrong, to openly disagree, or have opinions you don’t share. If you do not have this character’s expertise, make it up and sound like an expert. We will all play you up as if you are. The facts are not as important as the dynamics between the people. Some of the characters doesn’t have their field specified, please pick one that you think would fit and that seem different from the others. (/Read aloud)

The players will choose from the following characters:

1. *The Primary Investigator*: the person with the big idea
2. *The Artist Practitioner*: teaches art theory and artistic practice at a large university
3. *The Social Scientist*: studies people's behaviour through science
4. *The Project Manager* (optional): famous scholar leading many large projects
5. *The Research Assistant* (optional): fresh to the university and very dedicated

Players will read the character description (p. 72–81), then pick 1–2 options from the list on their character sheet.

While others are still working on their character the facilitator will help the player of the Primary Investigator choose the Big Idea for the project, which need not be fleshed out or original. If necessary, the facilitator can recommend a Big Idea. Some examples:

“You think more research is needed involving video-games and well-being. You have been tasked to convince others this idea is worth pursuing.”

“You think more research is needed involving art and wellness. You have been tasked to convince others this idea is worth pursuing.”

NAMETAGS (3 min) *Physically*: Have them create name tags to have in front of them with their name, pronouns and rank.

Online: Ask the participants to change their names to their character names in Zoom. Make sure they add pronouns and rank, e.g. Lecturer Billie Ross (they/them), etc.

HOTSEAT (10 min) The game master will ask each character 2–3 of the following questions. The player will respond verbally in an improvised fashion as their character. This response counts as a monologue, i.e. is not heard by the other characters, only the players (explain this to the participant to be able to ask for it later).

We're now going to ask questions for you to answer in character about your background, your projects, and your worries:

- ♦ *How many years have you been in academia?*
- ♦ *What project have you done that you feel the most proud of?*
- ♦ *What worries you the most about attending this meeting? Why?*

If a participant does not answer at length, you can ask the follow-up questions:

- ♦ *Describe the moment when you got acclaim for your project. What happened?*
- ♦ *What went disastrously wrong the last time you were in a group project?*

BREAK (10 MIN)

GAME (25 MIN)

Here the players get to play the scenario.

START THE SCENARIO Start by informing the players that they will be playing for about half an hour before the game ends with you saying, “And here we break the game.”

Remind the players about the two metatechniques:

Pause: will put the game on pause. Used by the facilitators.

Off-game: if you as a player need to stop the play for any reason. As a player you can also send a private message to the facilitator during the scenario.

Then ask the players to close their eyes while you count down from 10 to 0. When you reach 0 they can open their eyes and then the scenario has started. While counting down you can make a short pause where you do a short guided meditation. It could be something like this:

10, 9, 8, 7, 6, 5, You have been looking forward to this meeting. It will be nice to finally put a face to the names of the others in the group. Hopefully, this project can be everything you wish it to be and you get to show what you can bring. 4, 3, 2, 1, 0.

SCENES

SCENE 1: GETTING TO KNOW THE TEAM (5 min) The Administrator (the facilitators character) will welcome everyone and ask each person on the team to introduce themselves according to the following prompts. (If played online put the questions in the chat for reference):

- ♦ *Name, Pronouns, Rank, Area of Expertise*
- ♦ *What expertise do you bring to this meeting?*

SCENE 2: THE BIG IDEA (15 min) The Administrator explains that the project has a small amount of funding to start, but that the Primary Investigator wants to apply for a much bigger grant.

The Administrator asks the Primary Investigator to give a brief pitch for the Big Idea for the research project.

Then, the Administrator character asks each group member to answer one or more of the following questions. They can also be used as prompts along the way if the players get stuck and as a facilitator you can take notes on answers to use later if needed. Remember that you as a facilitator can use the Pause mechanic to help the game if needed:

- ♦ *How might you be able to contribute your expertise to this project?*
- ♦ *How will we need to shape the vision of this project to include your expertise and interests?*
- ♦ *What help do you need from other group members?*
- ♦ *What do you think is crucial for us to talk about during this meeting regarding this project?*
- ♦ *What interests you the most about this project?*

The group will get to discuss the ideas, questions, and concerns at length.

Closing scene question:

- ♦ *Would you like to be invited to the next meeting?*

END THE SCENARIO Say, “And here we break the game.” Thank everyone for participating.

POST-GAME (50 MIN INC 10 MIN BREAK)

The post-game debrief is a place for players to share feelings, thoughts, and experiences, reflecting on the scenario. It is also a place to reinforce the learning objectives.

DEBRIEF IN SMALL GROUPS (15 min) Start with letting each player in the group share their responses to the following questions and also hold space for discussion. Make sure to take one question at a time:

- ♦ *What feelings emerged for you or your character during play?*
- ♦ *Did your character plan to attend the next meeting or will you make up an excuse? Why or why not?*
- ♦ *Did this exercise resemble your personal experience at all? Why or why not?*

Discuss the following topics, allowing people to volunteer comments:

- ♦ *What was it like to either come up with or respond to the big idea? Is it relatable to your own experience in any way?*
- ♦ *What dynamics did you see in the group?*
- ♦ *These characters have both hopes, dreams and fears about the project. Is this something you talk about in the projects you have been part of? Why? Why not?*

BREAK (10 MIN)

DEBRIEF IN LARGE GROUP (20 min) If only one group then do this part in the small group. Ask each group to share something they talked about in their group. Use what comes up there to have a more general discussion. If you get stuck, see if you can bring back things you heard when walking around among the groups during the discussion. Here are some questions that can also be used to follow up if needed:

- ♦ *What thoughts did this exercise provoke about the collaboration process?*
- ♦ *What different interests or needs did you notice in the group? How did these elements affect collaboration?*
- ♦ *Have you been in research groups where different interests or needs cause difficulties? If so, how did the group manage these differences?*
- ♦ *What improvements would you like to see in interdisciplinary research group collaboration in your experience? How do you think these improvements might be implemented?*

DEEPENING THE PROCESS (5 min) Ask the participants to write down some observations from the discussion. If relevant, ask them to bring these observations back to their research group or team.

END THE SESSION Thank the participants for participating!

B. CHARACTER 1: THE PRIMARY INVESTIGATOR

You have gathered everyone together because you have a Big Idea that you think will be a unique and innovative contribution to the field. Your enthusiasm for research can be contagious, but can you convince the team to sign on to the project? Can you integrate everyone’s areas of speciality and interests?

Last name

Cheng

Degree:

Doctorate

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer ← this is your rank

Professor

Head of Department

You believe your Big Idea will revolutionize (choose 1-2)

- a. Pedagogical practice
- b. Our understanding of the human mind and behaviour
- c. Our understanding of culture and society
- d. Our understanding of what it means to be human
- e. The world of art and its practices
- f. Our ability to help serve _____ populations in _____ ways.
- g. _____ (an area of your choice).

You are skilled at

- × Seeing connections between disparate elements
- × Synthesizing information in a way that is useful and meaningful

You need

- × To integrate the expertise from researchers from 3-4 fields in this project according to the grant guidelines
- × To inspire others to believe in your Big Idea and want to participate in the project with the same enthusiasm you feel toward it
- × To do work that is personally meaningful and exciting
- × To be recognized as a groundbreaking scholar

You fear

- × No one will find the Big Idea developed or interesting enough to move forward pursuing funding with you
- × The Big Idea will die... and your inspiration and optimism will die along with it
- × That others might mock or dismiss you as an impractical dreamer

Discipline

Dr. Cheng’s discipline is _____

B. CHARACTER 2: THE ARTIST PRACTITIONER

You conduct artistic research that is hands-on, experimental, expressive, and boundary pushing. You love to push the limits of what is possible with art... with often unpredictable results. Though you enjoy wordplay and immersing yourself in complex theory, you tire easily of overly intellectual or scientific conversations. You think the urge to measure and categorize everything destroys the purpose of art. You want to do, to make, to create, not just to talk, or measure, or speculate. This is also what you teach your students at the university.

Last name:

Johnson

Degree:

Master of Arts

Rank:

Research Assistant

Researcher

Lecturer ← this is your rank

Senior Lecturer

Professor

Head of Department

These days, you are exclusively concerned with work tackling social issues that you consider important, such as (choose 1-2)

a) Gender

b) Sexuality

c) Ecodiversity

d) Animal rights

e) Dysfunctional relationship dynamics

f) Power differentials

g) _____ (topic of your choice).

You need

× To make art that moves your soul, forces others to feel something, and motivates them to take action

× To feel like your art is making a difference in the world

× To cultivate your reputation as a significant and relevant artist in your field.

You fear

× People will dismiss your work as derivative, “out there,” or worse case scenario – boring.

× Not making enough money to both pay your bills and accommodate your travel schedule.

× The funders will dismiss your art as frivolous and you will not be considered an asset to your department.

Artistic medium

Examples include painting, digital art, sculpture, performance etc.

Johnson’s medium is _____

B. CHARACTER 3: THE SOCIAL SCIENTIST

You want to understand how people and social dynamics work. You hold a strong belief that, with sufficient rigour and good methodological practice, you can be part of cracking the code of what makes people behave the way they do. You believe that all patterns of human behaviour – including psychology, social behaviour, and culture – can be measured. Such observations, when tested repeatedly over time, can yield defensible inferences that will advance social science as a field. You want to be at the centre of this important work.

Last name

Williams

Degree:

Doctorate

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer ← this is your rank

Professor

Head of Department

You specialize in (choose 1-3)

a. Quantitative methods

b. Qualitative methods

c. Participant-observation

d. Phenomenology

e. Studying group dynamics

f. Creating and testing new theories through exploratory work

g. Data gathering and analysis

h. Methodological design

i. _____ (a research specialty of your choice)

You need

× To publish more articles in top-tier journals in your field in order to qualify for a promotion

× To get funding for your research to buy out of teaching and administrative responsibilities

× To be recognized as a cutting-edge researcher by other scholars you admire

You fear

× That collaborators will not take the science part of the proposal seriously enough

× That collaborators will not follow through with the necessary data collection in a rigorous fashion, which would compromise the integrity of the project

× That your peers will accuse you of publishing “bad” science based in conjecture or unscientific thinking

Discipline

Dr. Williams' discipline is _____

B. CHARACTER 4: THE PROJECT MANAGER (*extra*)

You have managed several successful grants of various scales, including multi-million Euro projects. You are a well-known and respected researcher in your field with dozens of publications. While projects are often successful under your patient but firm leadership, you have also seen many projects fail, whether in the initial grant writing phase or during implementation. The kinds of problems you often see in project groups are insufficient planning, unrealistic scope, lofty goals that are not achievable within the time frame, personality conflicts, and burnout. Still, you believe it is your responsibility to support new projects, especially when researchers have enthusiasm and passion for their work. Therefore, you aim to help others achieve professional success and to continue to advance their fields.

Last name

Garcia

Degree:

Doctorate

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer

Professor

Head of Department ← this is your rank

Your best skills are (choose 1-2)

- a. Networking skilled people together
- b. Writing successful grant proposals
- c. Wrangling collaborators to stay on task
- d. Finding and sharing promising funding opportunities
- e. Making sure projects remain on budget
- f. Mediating between team members in conflict situations.
- g. _____ (a skill of your choice)

You need

- × To be respected as a leader and for others to follow your recommendations, many of which you had to learn the hard way
- × To support your colleagues in their scholarly and professional achievements
- × To maintain the high profile your department enjoys thanks in part to your efforts all of these years

You fear

- × Being stuck with an untenable project for the next few years
- × Getting caught up in dysfunctional interpersonal dynamics between team members
- × Not having enough time for your hobbies because you have to take responsibility for tasks others were supposed to perform to bring this project to completion

Discipline

Dr. Garcia's discipline is _____

B. CHARACTER 5: THE RESEARCH ASSISTANT (*extra*)

You are both excited and terrified to be part of this project. You started graduate school recently and are new to research, having only studied theories and methods at University. However, you do bring new insights to the team that you hope will contribute to the project. You are a bit intimidated working with all these big names, but are determined to do your best to be useful. You have been asked to organize and facilitate this meeting because you have experience in volunteer leadership roles.

Last name

Novak

Degree:

BA working on your MA

Rank:

Research Assistant ← this is your rank

Researcher

Lecturer

Senior Lecturer

Professor

Head of Department

You are particularly skilled at (choose 1-2)

- a. Providing perspectives relevant to the younger generations, their values, references, and sensibilities
- b. Using various forms of technology, including innovative new software
- c. Writing academic essays that adhere to the required format

- d. Harnessing your tireless curiosity to research specific academic articles on your subjects of interest
- e. Remaining enthusiastic, even when others around you are depressed or cynical
- f. Using social media and websites to their maximum potential for promotional purposes
- g. Working closely with other people in a harmonious fashion
- h. _____ (a skill of your choice).

You need

- × To get an academic mentor to sign on to your thesis project in order to graduate
- × To get your name on important articles in order to advance in your academic career
- × To add more content to your CV in order to be competitive in the academic job market

You fear

- × Sounding unintelligent or uninformed in project meetings
- × Doing something horribly wrong that compromises the whole project
- × Not being given the opportunity to contribute your skills to the team
- × Being treated as irrelevant compared to the “big names” here

Discipline (Same as The Primary Investigator)

Novak’s discipline is _____

3. The Deadline

Design: Sarah Lynne Bowman, Josefin Westborg, Kaya Toft Thejls, Kjell Hedgard Hugaas and Josephine Baird

This scenario is set during the development process of a research grant proposal. A group of academics are trying to write their proposal based on each of their interests and research agendas. Conflicts emerge in the group as individuals have different needs and perspectives that clash. These conflicts must be addressed or the proposal will not meet the deadline.

The purpose of this scenario is to help researchers address the needs of everyone in a group most peacefully and effectively through the practices of conflict transformation and nonviolent communication.

Acknowledgements: This scenario has been adapted with permission from workshops created by the Center for Peace and Conflict Studies' Conflict Transformation Academy at Austin Community College, as well as material adapted for use at the Department of Game Design at Uppsala University.

LEARNING OBJECTIVES

- 1: Practice receiving and responding to feedback that might be upsetting or frustrating.
- 2: Explain one's research agenda in the hopes that others from different disciplines can understand and value it.
- 3: Persuade others to address one's interests within a research group through self-advocacy.
- 4: Articulate interests, needs, and feelings through the use of nonviolent communication.

- 5: Collaborate to search for win-win scenarios in order to complete the proposal successfully.

NUMBER OF PLAYERS AND ROLES

This scenario is designed for groups of 3–5. If playing with 3 players, use the main characters. If more players, then add the extra characters in numbered order.

FACILITATORS

One facilitator per group is needed. The facilitators will be in charge of the pre-work, the debrief, and general support if needed and play administrative characters as part of the scenario. For this scenario the facilitators should familiarize themselves with the “Facilitator Brief” before running the scenario.

PHYSICAL REQUIREMENTS

One room where all participants can fit and then one room per group playing. Since the scenario is focused on conflict, it can sometimes include heated discussions. A location where you won't disturb anybody is preferred.

TIME

This scenario is planned to take 3 h in total including two 15 min breaks.

SAFETY

This scenario is focused on experiencing conflict and addressing conflict. Thus, this scenario is intended to stimulate emotions for the characters and the players. If possible, having a counselor or on-site services where players can go

to talk to someone after the scenario could be beneficial.

DOCUMENTS

- A. This game design document
- B. Characters
- C. Instructions Big Idea Researcher
- D. The Feedback
- E. The Psychology of Conflict-picture
- F. The I-Statement Script
- G. The Big Ideas
- H. Facilitator brief

PRE-GAME (65 MIN INC 15 MIN BREAK)

INTRODUCTION (10 MIN)

HI AND WELCOME! Welcome all participants and present the facilitator(s).

WHAT WILL HAPPEN TODAY? (5 min) Here the facilitator gives a short overview of the day and explains the learning goals of the scenario.

(Read aloud) Today we are going to play a role-playing scenario together. This means we will all get to play characters and from them improvise what happens in a specific setting. So there is no script and no audience. We will work in smaller groups and each group will get their own facilitator as support through the experience. We will start with pre-work that includes getting characters and workshopping to get prepared before we move on to the scenario. When we are done with the scenario you will get to share and talk about the experience.

The learning goals for this scenario are:

- 1: Practice receiving and responding to feedback that might be upsetting or frustrating.
- 2: Explain one's research agenda in the hopes that others from different disciplines can understand and value it.
- 3: Persuade others to address one's interests within a research group through self-advocacy.
- 4: Articulate interests, needs, and feelings through the use of nonviolent communication.
- 5: Collaborate to search for win-win scenarios in order

to complete the proposal successfully.

(/Read aloud)

INTRO TO THE SCENARIO. (5 min) Here the participants will be introduced to the setting for the scenario.

(Read aloud) This scenario is set during the development process of a research grant proposal. A group of academics are trying to write their proposal based on each of their interests and research agendas. Conflicts emerge in the group as individuals have different needs and perspectives that clash. These conflicts must be addressed or the proposal will not meet the deadline. This scenario utilizes practices of conflict transformation and nonviolent communication to help researchers address the needs of everyone in a group most peacefully and effectively. (/Read aloud)

CONFLICT THEORY (10 MIN)

Here the facilitator introduces some basic conflict theory.

DEFINITION OF CONFLICT Inform the players of the definition of conflict used here.

(Read aloud) This scenario views conflict through the lens of John Paul Lederach's conflict transformation, which sees conflict as an opportunity for positive change rather than a detriment. Learning skills that can help us navigate conflict in the moment can help us get everyone's needs met, finding win-win scenarios for complex situations.

In this case, conflicts can be visible, i.e., when two people are openly in a disagreement, or they can be invisible or even unconscious, such as issues of bias, power, or personal life struggles. Conflicts can therefore brew under the surface without us realizing it. In this scenario, take a broad approach to thinking about conflict. (/Read aloud)

PSYCHOLOGY OF CONFLICT AND GLASSER (5 min) Show The Psychology of Conflict picture, project it on a screen so everyone can see it. (If online then share the screen and show it.)

(Read aloud) When many people think about conflict, they consider positions, which are the conscious and often most apparent beliefs and/or agendas about the presenting issue or triggering incident. The position level is where people work most with conflicts, i.e., trying to change other people's opinions about an issue or focusing on the validity of arguments made. However, beneath positions are people's interests – their underlying agendas, which are determined by a number of factors related to the situation. Also present are the feelings that underpin these agendas and intensify investment in certain positions. And, at our core, humans are driven by our needs, which we often perceive as threatened in conflict situations, whether accurately or not. Many models of needs exist. In this model, we use psychologist William Glasser's 5 basic needs, which are Fun, Freedom, Survival/Safety, Love/Belonging, and Power.

Details about these needs might include:

Love/Belonging: The need to belong, be loved, be respected, have friendship, to share, and to cooperate.

Power: The need for recognition, success, importance, achievement, and demonstration of skills.

Fun: The need for enjoyment, laughter, learning, and experiencing change or novelty.

Survival: The need for health, relaxation, food, and warmth.

Freedom: The need to be able to make choices, to have independence, to have freedom from oppression, and freedom to act as one wishes.

Not that needs are different from feelings. For example, one can feel angry or sad because one perceives power is being taken away from them. (Read aloud)

NVC AND I-STATEMENT SCRIPT (5 min) Here the facilitator introduces a version of the I-Statement script.

(Read aloud) Cultivating the ability to perceive and communicate one's feelings and the core needs behind them are difficult skills in conflict situations. When activated and feeling threatened, we may temporarily lose our abilities to emotionally regulate and think rationally. When we act from this place of activation, we can harm relationships and escalate conflicts in destructive ways. Therefore, many practitioners in Peace & Conflict Studies think it is important for us to cultivate our nonviolent communication skills, which require practice. Nonviolent communication refers to communication about one's own perceptions about another person's behavior without

using shame or blame as a weapon to make another person wrong, which is challenging when we feel hurt. It's easy to practice a skill when we are calm and feeling safe, but much harder when emotionally activated. Nonetheless, simple scripts like "I-statements" can dramatically impact relationships for the better when used at critical moments, whether in workplace situations or other domains of life.

Here is a version of the "I-Statement" script that we will use in this scenario, project "The I-Statement Script" on a screen so everyone can see it. (If online then share the screen and show it.)

"I feel/am _____ (Name feeling such as frustrated, embarrassed, worried. Don't use "I feel like/that/you...") when _____ (Explain the specific situation neutrally without judgment) because _____ (Explain how the specific behavior causes difficulty for you, or if a need feels unmet) I would like _____ (Share options for what you would prefer to see done differently or how others can help)."

Notice how this script requires us to be able to identify our needs and feelings, which requires practice. Using the script will feel awkward at first – for many of us, it still feels awkward – but the principle behind this scenario is "practice makes competent." So we will play a scenario where we allow our emotions to escalate, practicing expressing feelings, needs, and constructive communication. (Read aloud)

SCENARIO INFORMATION (10 MIN)

THE SCENARIO (2 min) Here the facilitator gives information about the scenario and how to play it.

(Read Aloud) In this scenario, the research team has completed a first draft of the research proposal and sent it to colleagues and advisors in the university for feedback. The feedback recommends significant changes to the proposal, which is due in two days. Tensions are high, as each member of the group has several other commitments occupying their time and attention. Can they find a way to keep the group together and submit the revised proposal on time? Will the content be satisfactory enough to keep everyone onboard with the project should it be chosen to advance to the next funding stage? (Read Aloud)

Inform the players that this scenario is about exploring conflicts, both between the characters but also within the characters. This means that they should allow the conflicts to escalate, perhaps more quickly and in a more exaggerated way than they would in their own lives. The characters will probably have one or more of their needs (power, safety/security, freedom, love/belonging, and fun) threatened as part of the scenario. The conflict will go for a while and then the facilitator will step in as their character and use the “I-statement” script. Important here is that all characters will grudgingly try the script, regardless of their attitudes toward such interventions. While it is unlikely in daily life for someone to make such a recommendation in the middle of a meeting, in order to practice, in this scenario we will all

just go along with it. While resolution of the conflict might feel productive and satisfying, players should stay true to their character’s feelings at the moment. We can learn a lot when things “fall apart,” not only when they succeed.

META-TECHNIQUES (3 min) Here the facilitator introduces some meta-techniques for safety and steering the game.

The facilitator will go over the following metatechniques. A metatechnique is an off-game signal to the rest of the group for a specific purpose. The player hears the phrase, but the character does not.

Pause: will put the game on pause. Used by the facilitators. If the facilitator at any time says “pause” then everyone will “freeze” the game and listen to the facilitator. Pause can be used to give information, ask questions or give directions. When the facilitator says “play” the game will start again as if nothing happened.

Monologue: if the facilitator asks for a monologue, your character shares what they are thinking and feeling right now. It is a glimpse into the inner thoughts of that character. This response is not heard by the other characters, only the players.

Off-game: if you as a player need to stop the play for any reason. You as a player can at any time say “off-game” to stop the game. We will then stop playing our characters and listen to the player that said “off-game” and what they need. If playing online this can also be done by sending a message privately to the facilitator during the scenario.

Softer: Players can say the word “Softer” when they wish for the play to continue, but with a lower intensity.

This can be emphasized by holding your hands out in front of you, palm facing away and slowly gesturing away from you, as if you are pushing on something heavy. The players will not be asked to explain why they want to play to be softer.

GO OUT INTO BREAK-OUT ROOMS IN THE SMALL GROUPS (5 min) Split them into smaller groups of 3–5 players (one group per facilitator) and go out into the break-out rooms. Facilitators: remember to follow the script and to make sure to keep track of time for each section.

CHARACTERS AND THE PROJECT (20 MIN)

GET CHARACTERS (5 min) Start by reading the titles of the main characters out loud.

Depending on the group you can then either assign the characters as you see fit or you can let the players choose. If letting them choose, remember that this will take a bit of extra time.

Give out the characters and instruct the players that when they have read them they will do a short presentation round. They will get to choose a first name and pronouns for their character and write it on a name tag. In the presentation round each player gets to share their characters' names, pronouns, and one thing you think the others know about your character. (If playing online, ask the players to also change their names in Zoom to their characters' names and pronouns).

THE BIG IDEA (5 min) Here the group gets to pick their project. Groups can choose from one of the following core research concepts. Note that the specific details of the application are not important and players should feel free to make things up or speak in generalities.

UpCycle: Creation of an attractive app that helps people learn how to recycle in collaboration with local municipalities

Helping Hand: Community outreach program that hosts workshops blending arts and technology to empower at-risk youth

CyberCity: High tech art installations that incentivize co-creation with other residents throughout the city to improve connection, integration, and mobility

ArtSmart: Research project that measures how digital arts education impacts interest in science and programming

The players can take a short while to talk about the project but the content of the project is not very important to the scenario so don't let them get stuck.

LINE EXERCISES (10 min) Here the facilitator leads the player in a workshop to get a deeper understanding of their character in relation to the group.

Here the players will get to show what their characters think by positioning themselves physically in the room on an imaginary line. The line is a scale going from disagree strongly to agree strongly. You as the facilitator will ask questions and the players will then place themselves on the line to show what they think. This should be done quietly. Once they have placed themselves, ask the players

to see where the others are positioned. Then ask the players as their characters follow up questions around their positioning. For example, “Dr. Jones, I see that you feel you have a high status in this group. What is it that makes you feel that?” or “Dr. Lee, you were really enthusiastic about this project when it started. What were you most excited to contribute to it back then?” You can also ask the players to discuss with the player next to them about why they placed themselves there depending on how much time you have.

Questions for each line:

- ♦ *Do you believe your perceived status in the group is high?*
- ♦ *How enthusiastic were you about this project when it kicked off?*
- ♦ *How enthusiastic are you about this project right now?*

BREAK (15 MINUTES)

GAME (55 MIN)

START THE SCENARIO (5 min) Start off by telling the players that in total they will play for around 50 min to give them some idea of the time they have. The game will end with you saying, “And here we break the game.”

Remind the players about the four meta techniques:

Pause: will put the game on pause. Used by the facilitators.

Off-game: if you as a player need to stop the play for any reason. As a player you can also send a private message in a note to the facilitator during the scenario.

Monologue

Softer

Then ask the players to close their eyes while you count down from 10 to 0. When you reach 0 they can open their eyes and then the scenario has started. While counting down you can make a short pause where you do a short guided meditation. It could be something like this:

10, 9, 8, 7, 6, 5, The Administrator calls everyone to a meeting on behalf of the Primary Investigator to discuss how to proceed with the extensive revisions. Quite a bit of time was spent this week trying to find a time to accommodate everyone’s schedule. Frustrations are high, as this point of the semester is especially stressful for everyone. 4, 3, 2, 1, 0.

SCENES

MONOLOGUES (10 min) Spread out during the scenes, you as the facilitator will say “Pause” and ask for a Monologue

from one of the characters. The character will speak for 1–2 minutes about whatever is on their mind. Remember, in the fiction, none of the others can hear this Inner Monologue; it is only the players that hear this.

After each monologue, ask each character the following questions. Players will answer in-character:

- ♦ *What are you feeling right now?*
- ♦ *Where do you feel it in your body? Can you describe what it looks like in your mind's eye or feels like?*
- ♦ *What needs are feeling threatened at this moment?*
- ♦ *What actions from group members might help you get your needs met or help you feel more safe?*

Then, instruct the group to “Keep escalating. Play,” resuming the scene.

These monologues should together take about 10 min but since they are spread out, you will have to add a bit to the other scenes depending on where you use them.

SCENE 1 (5 min) The Admin opens the meeting, then asks the Primary Investigator, “I believe you wanted to start the meeting with brief check-ins, since time is short. Would you like to start?”

SCENE 2 (10 min) The Admin has synthesized the feedback, summarizing the most important points for each member. The Admin will mention that the purpose of this meeting is to go over the feedback and give the Primary Investigator direction for the revisions based on the expertise of each

person. The Admin gives The Feedback document to the Primary Investigator, who will read it out loud to the group. Each member will be given a chance to react to it. The Primary Investigator should take notes and ask follow-up questions based on their responses.

Players should feel free to take offense or otherwise escalate already during this stage. If the players are trying to solve things instead of creating and staying in the conflict, remember that you can always use “pause” if you need to steer the group.

SCENE 3 (5 min) The facilitator now mentions that despite all these needed revisions, they actually need to cut 5 pages because the application has a 10 page limit. The facilitator asks for the group to offer suggestions on what to cut or condense. This point is another moment where escalation is encouraged to happen, as everyone thinks their contributions are important.

SCENE 4 (5 min) The debate will continue. If needed, keep reminding the participants to keep escalating.

SCENE 5 (10 min) 5A: When the conflict reaches a boiling point, the Admin will mention attending a nonviolent communication workshop recently. The Admin would like the group to try a technique they learned at the workshop in order to promote better communication and group cohesion. The characters may be resistant to this activity, but they

will agree to try. The Admin offers the “I-statement” script (hand out copies), saying, “This will be awkward at first since it is new for many of us... just do your best.”

5B: The Admin will guide each group member to attempt the script, sharing their feelings, the situation or behavior that is connected to these feelings in a neutral way, why it is difficult for them, any needs that feel unmet or threatened, and offering options for how the group can help. Other participants can offer counter-suggestions to the options provided. It is fine if the characters have trouble doing this effectively or feel resistance to the activity. The important thing is they have the embodied experience of trying.

5C: After each member has a chance to try the script, the Admin will ask the Primary Investigator person to continue the planning. The group will discuss possible strategies for moving forward.

SCENE 6 (5 min) In-game debrief. Call “Pause” and ask each character in turn to give a monologue based on the following questions.

- ♦ *How did it feel for you to use the script?*
- ♦ *How did it feel for you when others used the script?*

END THE SCENARIO Say “And here we break the game.” Thank everyone for participating and inform them that they now will do a debrief.

POST-GAME (60 MIN INC 10 MIN BREAK)

The debrief is a place for players to share feelings, thoughts, and experiences, reflecting on the scenario. It is also a place to reinforce the learning objectives.

DEBRIEF IN SMALL GROUPS (20 min) To derole, start by asking everyone to say “I was playing X, I am now X.” Then let everyone, one at a time, answer “What would you like to take with you from the character or the experience and what would you like to leave behind?”

Start with letting each player in the group share their responses to the following questions and also hold space for discussion. Make sure to take one question at a time:

- ♦ *What was the most intense/powerful moment for you?*
- ♦ *Did anything about this scenario remind you of your own experience? Why or why not?*
- ♦ *This scenario integrated William Glasser’s 5 human needs: power, safety/security, freedom, love/belonging, and fun. Did these needs come up for your character?*
- ♦ *Did you relate to your character’s needs? Why or why not?*
- ♦ *Can you think of situations where one or more of these needs have come up for you in conflict situations? Be specific.*

BREAK (10 MIN)

BIG GROUP DEBRIEF (20 min) If only one group then do this part in the small group.

Ask the group to answer these questions, making sure to prompt the quieter participants to share. Remind them

they can pass if they want. If they pass, politely ask at the end of the round if they would like to share:

- ♦ *What did this scenario explore for you in terms of interdisciplinary collaborations and conflict, if anything?*
- If nothing, why do you think so?*
- ♦ *Was it difficult to use the I-Statement? Why or why not?*
- ♦ *Do you think using nonviolent communication might be an effective way to address disputes, whether in research groups or elsewhere in your life? Be specific.*
- ♦ *What takeaways do you have from this experience that you would like to reflect upon further?*

DEEPENING THE PROCESS (5 min) Ask the participants to write down some observations from the discussion. If relevant, ask them to bring these observations back to their research group or team.

WRAP-UP (5 min) Inform the participants that having strong feelings after the experience is normal, while having no strong feelings is also normal. Sometimes when playing a role-playing game that involves strong feelings we can experience a phenomenon called bleed. This means that feelings, thoughts, relationships, and physical states spill over from your character to you and vice versa. Encourage the participants to process any unresolved feelings with each other if possible, or to contact the facilitators as needed.

END THE SESSION Thank the participants for participating!

B. CHARACTER 1: THE PRIMARY INVESTIGATOR

Last name: Cheng

Degree: Doctorate

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer ← this is your rank

Professor

Head of Department

This project has become your baby. You have become so invested in it that you have been working late into the evenings even on your days off, to get the proposal together. This push became necessary, especially since some members have contributed less than you would have liked. You are frustrated that it took so much effort to rally everyone for this meeting and worry that any one of them might pull out of the process due to the harsh feedback. You are concerned that the loss of any one of these experts would make the project unviable and you are not sure what you would do with your time if it failed.

Feelings: Frustration, irritation, anxiety, fear, hope, determination

Needs: To maintain power in this situation in order to get your goals met

Discipline:

Your (the character) discipline is _____

B. CHARACTER 2: THE SOCIAL SCIENTIST

Last name: Williams

Degree: Doctorate

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer ← this is your rank

Professor

Head of Department

You honestly have not had as much time to work on this project as you would have liked. You have copy-pasted some text from other proposals, but you know the methodology needs a lot of work for this exact call. You have three other proposals in the works and you have no idea how you will manage to get everything done in time. What’s worse, your child is chronically ill and you have been staying up late to care for her, so you are utterly exhausted. You worry you are on the brink of burn-out.

Feelings: Exhaustion, guilt, worry, disengagement, distraction

Needs: To feel safe and secure, which is difficult with your stress levels and your child’s health

Discipline

Your (the character) discipline is _____

B. CHARACTER 3: THE ARTIST PRACTITIONER

Last name: Johnson

Degree: Master of Arts

Rank:

Research Assistant

Researcher

Lecturer ← this is your rank

Senior Lecturer

Professor

Head of Department

You have been feeling like a bit of an imposter in this research group from the start. As someone with only a Master’s degree in Fine Arts, you sometimes feel like you are speaking a totally different language from others here. Academia has always felt cold and unfeeling to you and this peer feedback process is triggering all your fears of inadequacy. You were so excited for this opportunity in the beginning and still dream of doing a project of this scale. You think this work can have a big impact on the world, but are afraid you are not cut out for this sort of rigorous academic process long-term.

Feelings: Inadequacy, anxiety, anger, longing, defensiveness.

Needs: To feel like you belong and your skills are valued by this group so that you can create something remarkable with all these intelligent individuals

Discipline:

Your (the character) discipline is _____

B. CHARACTER 4: THE TECHNOPHILE (*extra*)

Last Name: Bartes

Degree: Doctorate

Rank:

Research Assistant

Researcher

Lecturer ← this is your rank

Senior Lecturer

Professor

Head of Department

You agreed to be on this project because you thought it might prove an interesting challenge. Also, your supervisor has been indicating that the department needs grant money and pressuring you into joining a research application, so when this opportunity came around, it sounded like a good opportunity. You often feel a bit disengaged in meetings, especially when the conversation gets highly theoretical or artistically-focused. You respect these things to a degree, but consider yourself more grounded, often focusing on the practicalities of the project, which you think the group sometimes does not consider at all.

Feelings: Annoyance, disengagement, distraction, boredom, superiority

Needs: To have fun innovating cool technological solutions without all this bureaucracy and stress

Discipline

Your (the character) discipline is _____

B. CHARACTER 5: THE HEALTH SCIENTIST (*extra*)

Last name: Misra

Degree: Doctorate

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer

Professor ← this is your rank

Head of Department

You joined this project because you think it has a real chance of helping people’s mental health and well-being. These topics are very important to you, as you have family members who struggled with mental health issues as you were growing up and you felt quite helpless. You only join projects that have clear goals to help members of the public. While this project originally had that focus, the proposal has strayed more into the highly intellectual and become less focused on public health than you would like. You worry that the project has lost its way. You will have to make a decision whether to move forward or conserve your precious time and energy for other projects.

Feelings: Frustration, anger, hope, wariness, defensiveness

Needs: To feel free to pursue projects that are rewarding in service to others and not be blocked by bottlenecks in an uncaring system yet again

Discipline

Your (the character) discipline is _____

C. INSTRUCTIONS FOR THE BIG IDEA RESEARCHER

You are the one in charge of the project, and you have asked the admin to call everyone to a meeting to discuss how to proceed with the revisions.

At the start of the game, right after the countdown, the Admin will remind you to ask everyone for a brief check-in about the status of their work on the project, although everyone is in a rush because time is short. This should probably not take more than 5 minutes.

The administrator will hand out the synthesis of feedback for each member. Each member should read it, summarize it, and have the chance to respond to the feedback. Take notes and ask follow-up questions, but don't hide your frustration when the conversation escalates.

Ideally, by the end of this meeting, you should have a plan from the team of how to proceed with the revisions... but that might not be possible given how extensive the feedback is and the resistance level of the group.

D. THE FEEDBACK

Give one copy to each player. If there are fewer than five players, cross out or cut the paper to show only the parts containing the played characters.

Feedback on the Project

For the Primary Investigator: The application has awkward transitions between sections and clearly reads like it was written by many people without a shared agenda. Rewrite and delete where necessary to provide coherence.

For the Social Scientist: The social science section lacks recent sources and is thin on sources overall. The feedback insists that a strong research justification will be crucial for this grant to receive funding. One comment wonders about the originality of the Big Idea, suggesting that the social science section more thoroughly address literature in this area and demonstrate an original approach to addressing these research questions.

For the Artist Practitioner: The commenters are skeptical about sections of the theoretical framework, which were specifically included by the Artist Practitioner. The theories included are not currently in favor in their academic disciplines. One colleague used the term "unscientific" and another used the term "pseudoscience" due to the inclusion of these theories. The commenters are concerned use of this theory will cause the funders to reject the proposal outright before fully reading it.

For the Technophile: The commenters think that some sections are too jargon-heavy with technical wording to be comprehensible to the funders. Other areas sound vague in terms of the contribution of adding this tech, saying it is unclear how technology will help achieve the research goals. Another commenter is concerned the technology might prove too complicated for people to use and recommends paring down the scope to include more basic tools.

For the Health Scientist: Despite the literature included, the commenters are unclear about how this research relates to mental health and well-being. They worry that the proposal sounds too much like “buzz words” included without proper justification. Even if this justification was included, they are skeptical that such big claims can be verified within the current research methods and data collection strategy.

E. THE PSYCHOLOGY OF CONFLICT



Psychology of Conflict. Image developed by the Center for Peace & Conflict's Conflict Transformation Academy at Austin Community College, USA.

F. I-STATEMENT SCRIPT

Give each player a copy of the I-Statement script

“I feel/am _____ (Name feeling such as frustrated, embarrassed, worried. Don’t use “I feel like/that/you...”)
when _____ (Explain the specific situation neutrally without judgment) because _____
(Explain how the specific behavior causes difficulty for you, or if a need feels unmet) I would like _____
(Share options for what you would prefer to see done differently or how others can help).”

G. THE BIG IDEAS

Research projects:

UpCycle: Creation of an attractive app that helps people learn how to recycle in collaboration with local municipalities

Helping Hand: Community outreach program that hosts workshops blending arts and technology to empower at-risk youth

CyberCity: High tech art installations that incentivize co-creation with other residents throughout the city to improve connection, integration, and mobility.

ArtSmart: Project that measures how digital arts education impacts interest in science and programming

H. FACILITATOR BRIEF

Here you find background information and theory about conflict transformation and nonviolent communication that will help you as a facilitator when running the game.

Human Needs Brief

Conflict arises from the human needs that feel threatened. When people engage in conflict, they have something to lose and often have needs they are hoping to meet. Many of these needs may remain in the unconscious; in other words, we are not always aware that we have needs or that we are in conflict because we perceive those needs to be at risk. However, if we can identify the universal needs that underlie human motivation, we can more easily communicate about them and address conflicts in a potentially more satisfying way for everyone involved.

Many psychological theories of basic needs exist, including the popular Hierarchy of Needs by Abraham Maslow (1943). While other needs likely exist, this class will explore William Glasser's (1998) Five Basic Needs, which are:

Love/Belonging: The need to belong, be loved, be respected, have friendship, to share, and to cooperate.

Power: The need for recognition, success, importance, achievement, and demonstration of skills.

Fun: The need for enjoyment, laughter, learning, and experiencing change or novelty.

Survival: The need for health, relaxation, food, and warmth.

Freedom: The need to be able to make choices, to have independence, to have freedom from oppression, and freedom to act as one wishes.

People can attempt to get their needs met in many ways. Some ways are more considerate of others and contribute to the greater good. Others are self-serving and may harm others. When we think about conflict from this perspective, we begin to see that people have more choices in how to get their needs met than they might think. And when we consider these concepts on a global scale, we can see how many conflicts arise from communities that have differing needs struggling with one another.

4. The Committee

*Design: Josefin Westborg, Sarah Lynne Bowman
and Kaya Toft Thejls*

In this scenario, you are playing an academic committee that gives out grants for cultural heritage projects.

The purpose of this role-playing scenario is to give a deeper understanding of the complexities of assessing research applications.

LEARNING OBJECTIVE

- 1: To navigate catering to different priorities in the assessment process of grant applications.
- 2: To explore the different interests and needs of members within a committee.
- 3: To get a broader understanding of the concept of cultural heritage.

NUMBER OF PLAYERS AND ROLES

This scenario is designed for groups of 3–5 players. If playing with 3 players use the main characters. If more players, then add the extra characters in numbered order.

FACILITATORS

One facilitator per group is needed. The facilitator/s will be in charge of the pre-work, the post-game, and be general support if needed. They will not be playing a character but instead supporting the group.

PHYSICAL REQUIREMENTS

One big room where all participants can fit for workshoping and debriefing. Either the room needs to be big enough for all groups to be able to spread out into small groups or you will need break out rooms for each group. The game can also be played online on Zoom or other platforms.

TIME

This scenario is planned to take 120 min in total including two breaks, one 10 min and one shorter 5 min. If playing with only one group then skip the part about changing rooms and do all parts in the small group.

DOCUMENTS

- A. This game design document
- B. Character sheets
- C. The call for the grant
- D. The application

PRE-GAME (50 MIN INC 10 MIN BREAK)

HI AND WELCOME! Welcome all participants and present the facilitators(s).

WHAT WILL HAPPEN TODAY? (5 min) Here the facilitator gives a short overview of the day and explains the goal of the scenario.

(Read aloud) Today we are going to play a role-playing scenario together. This means we will all get to play characters and from them improvise what happens in a specific setting. So there is no script and no audience. We will work in smaller groups and each group will get their own facilitator as support through the experience. We will start with pre-work that includes getting characters and workshopping to get prepared before we move on to the scenario. When we are done with the scenario you will get to share and talk about the experience.

The goal for this today is to take the perspective of a member of a grant application committee. To try to see the process of a grant application from the other side and not just as an applicant. By doing this through embodying a character in a role-play you get to explore the subject not just in a theoretical way but also physically. You get to practice navigating different priorities in social situations. We will also explore what cultural heritage can be from different perspectives. (/Read aloud)

INTRO TO THE SCENARIO. (5 min) Here the participants will be introduced to the setting for the scenario and the techniques that will be used to play the scenario.

(Read aloud) You will be playing a committee that gives out grants for cultural heritage projects. This is a two-part process. In the first part, you go through basic applications with simple budgets and pick the ones that you find most interesting. The chosen ones will then do a larger more extensive application before you make the final decision on the money distribution. This year most of the committee's members are new due to unforeseen events. You have all given out points to the different projects that should move on from the first round. You now have one project that barely got enough points to make it through. You have decided to have a meeting to discuss what to do with this project. If you approve the project, all the projects will get less money. Is it worth letting the project through? And if you do, what do you think needs to be done to help it get better? What should the project focus on?

The setting is a committee meeting discussing a particular application, but the goal for the scenario is not necessarily for the committee to "succeed" or agree on all the details, as they each have different interests. Play upon your desire to potentially collaborate, but also the differences within the group, your character's needs, and their fears. It is perfectly okay no matter if the application gets passed or not, or if the characters cannot agree on what the project should focus on. The point is to explore the process of making this decision in a group and what can be seen as valuable. (/Read aloud)

The facilitator will go over the following metatechniques. A metatechnique is an off-signal to the rest of the group for a specific purpose. The player hears the phrase, but the character does not.

Pause: will put the game on pause. Used by the facilitators. If the facilitator at any time says “pause” then everyone will “freeze” the game and listen to the facilitator. Pause can be used to give information, ask questions or give directions. When the facilitator says “play” the game will start again as if nothing happened.

Off-game: if you as a player need to stop the play for any reason. You as a player can at any time say “off-game” to stop the game. We will then stop playing our characters and listen to the player that said “off-game” and what they need. If playing online this can also be done by sending a message privately to the facilitator during the scenario.

Monologue: if the facilitator asks for a monologue, your character shares what they are thinking and feeling right now. It is a glimpse into the inner thoughts of that character. This response is not heard by the other characters, only the players.

GO OUT INTO SMALL GROUPS. (5 min) Preferably you can have the groups spread out in the same room to easier instruct everyone at the same time. (If it’s online, then give everyone a number so they know what group they are in and give the instructions before inviting them into breakout rooms).

GAME MATERIALS (5 min) Give out the Guidelines of the

committee and the Application for all the participants to read. Give out one at a time so they all finish reading the first before starting on the second. This practice is to make sure they don’t miss one of the documents.

ASSIGN CHARACTERS (10 min) Give out the characters and instruct the players to read them and then do a short presentation round. They will get to choose a name and pronouns for their character and write it on a name tag. Depending on the group you can either assign the characters as you see fit or you can let the players choose. If letting them choose, give a quick description of each character and remember that this will take a bit of extra time so it might not be doable with many groups.

In the presentation round, each player gets to share their characters’ names, pronouns, and if they’ve been on the committee before. (If playing online, ask the players to also change their names and pronouns in Zoom to their characters’).

INTERVIEWS (7 min) Instruct the players to interview each other in the group. The player will respond verbally in an improvised fashion as their character. This response counts as a monologue, i.e., is not heard by the other characters, only the players. (Explain this technique to the participants to be able to ask for it later during the scenario as a tool to shape the game). In the interview, the players will ask each character 2–3 of the following questions.

- ♦ *Why did you want to be on this committee?*
- ♦ *What worries you the most about attending this meeting?*

- ♦ *What is your relationship to cultural heritage?*
- ♦ *What are you looking for most when you evaluate a proposal?*

The questions can be printed out and given to the participants or they can write them down. (If playing online, just copy-paste the questions into the chat.)

GAME MATERIALS IN RELATION TO CHARACTER (3 min)

Ask the participants to reread the Guidelines of the committee and the Application one more time, but this time look at it through the eyes of their characters.

BREAK (10 MIN)

GAME (35 MIN INC 5 MIN BREAK)

Here the players get to play the scenario. This section gives an overview of how the scenario is played out. You as the facilitator will move around the groups and listen in. If a group seems to be stuck, use the “pause” mechanic to help them along by for example asking one of the characters to do a monologue on their feelings at that time. Since the Funding veteran character is written to take a lot of space it can be good to keep an eye out so that character doesn’t take over the game. This dynamic plays out differently in different groups so you will need to monitor it for this session. Use the “pause” mechanic to help them steer the game in a direction where conflict is on a good level and everyone gets a chance to participate.

START THE LARP (5 min) Start off by telling the players that in total they will play for around 30 min just to give them some kind of an idea of the time they have. Inform them that the game will end with you saying, “And here we break the game.” Then ask the players to close their eyes while you count down from 10 to 0. When you reach 0, they can open their eyes and then the scenario has started. While counting down you can make short pauses where you do a short guided meditation. It could be something like this:

10, 9, 8, think about what got you interested in cultural heritage to start with, what got your passion going, was it a specific event or something else? Maybe a person or a movie? (give them a little time to think about the answer), 7, 6, 5, 4, Think about your role as a committee member, about what you think your purpose is here (give them a little time to think about the answer), 3, 2, 1, 0.

SCENES

SCENE 1 (5 min) The Funding veteran welcomes everybody to the meeting and gives a short description of why they are all there.

SCENE 2 (2 min) They will make a short vote on if the application should pass or not. All the characters will want it to go through but with additions. This means they will probably think passing the proposal will be easy.

SCENE 3 (13 min) Then they will discuss the additions and what to focus on. Here all the characters want to focus on different things and they will try to agree on what to do.

SCENE 4 (4 min) With 5 min left, they will all get to give a final statement of what they think.

SCENE 5 (1 min) To finish it off they will once again vote if they think the project should pass or not.

END THE SCENARIO Say, “And here we break the game.” Thank everyone for participating and inform them that they now will do a debrief.

BREAK (5 MIN)

POST-GAME (35 MIN)

The post-game debrief is a place for players to share feelings, thoughts, and experiences, reflecting on the scenario. It is also a place to reinforce the learning objectives.

After this scenario, discussions might arise about discrimination and mistreatment in academia. If that is the case, hold space for that discussion.

DEBRIEF IN SMALL GROUPS (15 min) The facilitator will ask each group to have a debrief. It’s good to let them know that they will get to share in the big group after. Give them the following information to help them:

Start with letting each player in the group share their responses to some of the following questions and also hold space for discussion. Always start with the first and then pick follow-up questions depending on the focus for this run (for example application process, meeting procedures, personality clashes, or cultural heritage). Make sure to take one question at a time and remind them that they are not their character:

- ◆ *What feelings emerged for you or your character during play?*
- ◆ *What dynamics did you notice in the group between the members of the committee? Be specific.*
- ◆ *What did it feel like to be on the other side of the grant writing table? Did it provide any new insights about the process?*
- ◆ *What was your character’s view on cultural heritage? Has this scenario affected your view on cultural heritage? How or why not?*

- ♦ *What is important for you in cultural heritage?*

This scenario is an exaggeration of the dynamics of how such a committee might work so that we can experience and observe conflict more closely. With that in mind, discuss the following topics, allowing people to volunteer comments:

- ♦ *What's at stake when a small group of people decide what is worthy of getting a research grant?*
- ♦ *How do power dynamics, politics, and social skills affect the process of what applications are passed?*
- ♦ *What could help the committee move forward?*
- ♦ *What can help applicants in the process of writing a proposal? Is there anything the committee could have done to make it easier?*
- ♦ *Did this exercise resemble your personal experience at all? Why or why not?*

DEBRIEF IN LARGE GROUP (15 min) If only one group then do this part in the small group. Ask the group to answer these questions, making sure to prompt the quieter participants to share:

- ♦ *What thoughts did this exercise provoke about being on a committee?*
- ♦ *What thoughts did this exercise provoke about the application process?*
- ♦ *What are your main takeaways?*

DEEPENING THE PROCESS (5 min) Ask the participants to write down some observations from the discussion. If relevant, ask them to bring these observations back to their research group or team.

END THE SESSION Thank the participants for participating!

B. CHARACTER 1: THE FUNDING VETERAN

Name: Garcia

Pronouns: _____

Manner: Sit leaned back and use a lot of pausing when talking. Say “we have always done it like this before and it worked well then” a lot.

You have been on the committee for years and you know how the process has been handled before. You are convening the committee and are the one that will start up the meeting. You want this project to go through but think it should focus on the people you can meet in the city. Who are they? What important persons are there to interact with? And what will the participants remember about these characters after? Overall the research part of the grant is lacking. It doesn't even say how many participants they plan for.

View of history: Your focus is on identifying the key figures in history – usually men – and explain why their efforts changed the course of humanity. You are not a misogynist, but the sad fact is that most important things in history occurred as the result of men's deeds. You are especially interested in political and military commanders, but you also wish to emphasize key artists, writers, and philosophers who shaped Western thought.

Fear: That all these new members will take over and that you won't be recognized for your experience.

Task: You will run the meeting. This includes 5 steps:

1. You will start with welcoming everyone and reminding them that you are there to discuss a specific application.
2. After this, you ask for a quick vote on how the members of the committee feel right now about if this application should pass or not.
3. Start a discussion about what the application should strengthen.
4. When someone asks for “closing the debate” you will announce that everyone gets one finishing pledge (including yourself) and let everyone do their pledge.
5. Finish with a new vote about if the application should pass or not.

B. CHARACTER 2: THE BUREAUCRAT

Name: Ali

Pronouns: _____

Manner: When you want to say something always put your hand up even if no one else does. Lean forward when listening to others. Pretend to take notes a lot.

You are new to the committee. You have a background as a historian of ideas. You think it's very important that things are done by the book, and being part of this committee, you see it as your job to make sure that the grant goes to the right thing according to the announcement. You want to go through the different parts of the call and how the applications are filling these goals. For example, it seems to be missing how this project links to the creative and cultural industries and this clearly needs to be fixed. You would also like to see a bit more clarification on how overarching narratives and change in society will be portrayed.

Fear: That the others will think you are way too much into rules and details. You don't feel details are the most important part really; you do like to focus on the overarching stories in history for examples and not details. This is about fairness and being clear. But will the others understand that?

View of history: You're mostly interested in the way ideas develop over time and how they shape culture. While you

understand that certain ideas are passed down due to political reasons – such as dominant cultures taking over less developed ones – you're less interested in the specific context or individuals involved.

Task: Timekeeper. You will get the end time for the scenario from the facilitator. When it's 4 min left you will ask for the others to find "closure in the debate."

B. CHARACTER 3: THE POLITICAL ACTIVIST

Name: Laurent

Pronouns: _____

Manner: You nod a lot when other people are speaking to show that you are a very interested listener.

You are new to the committee. You have a background in critical theory and are driven by the questions about whose culture is being preserved and how it's represented. You find this project interesting and want it to move on, but it really needs to expand on inclusion both in the research group itself and especially in what it wants to represent in its worldview.

Fear: You are scared that you are now in a position of power and want to make sure you use it for good. What if your friends think that you are now part of "the problem" as well?

View of history: Your focus is on identifying the way structures of power have affected history, especially in terms of oppressing certain groups of people. In particular, you are interested in issues of power related to gender, sexuality, race, ethnicity, and class. You find it very problematic that "the winner writes the history" is true in so many cases and that only some voices get heard.

B. CHARACTER 4. THE TECHNOPHILE (*extra*)

Name: Bartes

Pronouns: _____

Manner: You use your hands a lot when you talk. Use big wispy gestures.

You are new to the committee. You have a background as an archaeologist working with creating digital illustrations of history. You are driven by your passion for cultural heritage and want to make sure it keeps being relevant in the future. You want to combine new tech with old culture to create new ways of seeing and interacting with history. In your dreams, you see yourself as the love child of Indiana Jones and Steve Jobs. You know of some of the people that sent in the application and they have done great things before. You want this project to go through but it should put focus on the app.

Fear: That history gets forgotten because it will be seen as dry and boring.

View of cultural heritage: Your focus has always been to make history relevant. With the affordances of new technology, this can be done. You are particularly interested in ways of making history available to everyone through tech solutions.

B. CHARACTER 5: THE ARCHIVIST (*extra*)

Name: Abe

Pronouns:

Manner: You sit with a very straight back and shoulders pulled forward.

You are new to the committee. You work at a museum and love to pay attention to details. You have a background as a research historian and wrote your dissertation on the fabric colors of the aristocrats in late 14th century France.

You want this project to go through but it really needs to focus on getting its facts straight. For example, it mentions indigo-colored fabric, which wasn't around in Europe until about 1490. How will they make sure they get things correct in the project? Couldn't this be done with actors or having someone at the museum presenting this information that actually has factual knowledge and can answer questions?

Fear: Tech. You don't want the project to be about tech. Everything today is about tech and if this keeps up no one will be interested in physical museums anymore.

View of cultural heritage: You're fascinated by all the fine details of history and want to learn as much about a particular time period as you can. While the big picture is interesting, you prefer to absorb as many of the small details of history as possible, excited to uncover new facts. You spend quite a bit of time in archives, special libraries, and archaeological collections searching for new discoveries.

C. CALL FOR GRANT IN CULTURAL HERITAGE

This grant is aimed at research projects with a focus on preserving, documenting, and disseminating timeless cultural heritage. Extra focus will be given to solutions to pedagogical issues and how cultural landscapes, environments, and objects can be presented to the public for engagement, awareness, and discussion.

The applications will be judged on the following areas:

- × Relevance – In what way does the proposed research project contribute to research on cultural heritage?
- × Result – What is the expected outcome of the project? What benefits do the research project bring to researchers, the general public, and other interested parties?
- × Project group – How does the proposed research project make use of various competencies related to cultural heritage? Does it include people from different sectors (public, private, & civil society)? In what way is the application and use of cultural heritage information linked to cultural and creative industries?
- × Inclusion – How is the project taking inclusion and accessibility into account?

D. APPLICATION FOR CULTURAL HERITAGE GRANT

Application nr 32 – A Walk Through History

This pilot research project focuses on exploring how children interact with history in an AR (augmented reality) app. In this project, we want to develop an app where children can experience their local history come to life through stepping into the city of Visby on the island of Gotland, Sweden, in different time periods and meeting and interacting with people in that time. For this pilot study, the focus will be on the mid 14th century. The participants will physically walk through Visby while using the app to see an added layer that shows how the city looked at that time. They could be walking over a square while in the app seeing and hearing a salesman calling out, “Look at this beautiful indigo fabric, the best you’ll find in all of Europe!” The participants will also be able to interact with some of the people they meet in the app. The participants will be interviewed on their view of their local history before and after using the app to evaluate if and how their perception might have changed. By making history come alive using AR we hope to make it more relevant for the youth of today but also keep the connection to the physical space compared to a pure digital simulation. The outcomes would be the basic app, as well as research articles on the design process and the outcomes of the interviews. If successful, the plan is for the app to then be expanded to incorporate other cities as well.

The team consists of researchers from the Department of Education, the app company APPY and the Society for the Island of Gotland’s history (non-profit organisation).

5. The Prenup

*Design: Josefin Westborg, Kaya Toft Thejls
and Sarah Lynne Bowman*

In this scenario, you are playing a research group in the later stages of a pilot study that has been asked to do a presentation and needs to discuss things in relation to presentations, publishing, and authorship.

The purpose of this role-playing scenario is to give a deeper understanding of the complexities that can arise during a project and the need to talk about them at an early stage.

LEARNING OBJECTIVES

- 1: To navigate different priorities and expectations, including personal, group, institutional, and field-related.
- 2: To explore the different interests and needs of members within a research group.
- 3: To explore the importance of negotiating how to work together for productive group work, and the consequences of making assumptions without communicating.
- 4: To practice developing a Collaborator’s Prenup: a tool to make agreements within the group before a research project.

NUMBER OF PLAYERS AND ROLES

This scenario is designed for groups of 3–5. If playing with 3 players, use the first 3 characters. If more players, then add the extra characters in numbered order.

FACILITATORS

One facilitator per group is needed. The facilitator will be in charge of the pre-work, the debrief, and general support if needed. They will not play a character in the scenario.

PHYSICAL REQUIREMENTS

One big room where all participants can fit for workshoping and debriefing. Either the room needs to be big enough for all groups to be able to spread out into small groups or you will need break out rooms for each group. The game can also be played online on Zoom or other platforms.

TIME

This scenario is planned to take 2,5 hours in total including two 10 min breaks.

DOCUMENTS

- A. This game design document
- B. Character sheets
- C. Discussion positions
- D. The preup questions

PRE-GAME (55 MIN INC 10 MIN BREAK)

HI AND WELCOME! Welcome all participants and present the facilitator(s).

WHAT WILL HAPPEN TODAY? (5 min) Here the facilitator gives a short overview of the day and explains the learning goals of the scenario.

(Read aloud) Today we are going to play a role-playing scenario together. This means we will all get to play characters and improvise what happens in a specific setting. So there is no script and no audience. We will work in smaller groups and each group will get their own facilitator as support through the experience. We will start with pre-work that includes getting characters and workshoping to get prepared before we move on to the scenario. When we are done with the scenario you will get to share and talk about the experience.

Today you will get to take the perspective of a member of an interdisciplinary project research group. By doing this through embodying a character in a role-play you get to explore the subject not just in a theoretical way but also physically.

The learning goals for today are:

- 1: To navigate different priorities and expectations, including personal, group, institutional, and field-related.
- 2: To explore the different interests and needs of members within a research group.
- 3: To explore the importance of negotiating how to work together for productive group work, and the consequences of making assumptions without communicating.

4: To practice developing a Collaborator's Prenup: a tool to make agreements within the group before a research project. (Read aloud)

INTRO TO THE SCENARIO. (5 min) Here the participants will be introduced to the setting for the scenario and the techniques that will be used to play the scenario.

(Read aloud) You will all be playing members of an interdisciplinary research group that has worked together on a pilot study that you got a grant for and you want to do a much larger project if this goes well. You have now just finished the data collection for the first part. You have yet to do a full proper and rigorous analysis of the data, but from what you can see at first glance, it looks promising! You have now been called into a meeting by the administrator that helps out with the project because your team has been invited to hold a presentation about the project at an academic conference. This possibility is something that you all need to discuss together.

The project is called Attitudes Toward Public Health: Impacts, Implications, and Change Pre- and Post-COVID-19. This pilot aims to replicate studies on public health opinions from before the pandemic. It seeks to identify changes in attitudes towards and habits in relation to public health measures. This is done through a survey. The survey had scales, checkboxes, and open-answer questions.

The setting is a research meeting discussing a particular presentation, but the goal for the scenario is not necessarily for the group to "succeed" or agree on all parts, as they each have different interests. Play upon your

desire to collaborate, but also the differences within the group, your character's needs, and their fears. It is perfectly okay no matter if you decide to give the presentation or not, or if the characters cannot agree on any of the other parts. The point is to explore the complexities of working in an interdisciplinary group, the need to address these things and how outer pressure from institutions and fields can affect a group process and what can be seen as valuable. (Read aloud)

The facilitator will go over the following metatechniques. A metatechnique is an off-signal to the rest of the group for a specific purpose. The player hears the phrase, but the character does not.

Pause – will put the game on pause. Used by the facilitators. If the facilitator at any time says "pause" then everyone will "freeze" the game and listen to the facilitator. Pause can be used to give information, ask questions or give directions. When the facilitator says "play" the game will start again as if nothing happened.

Off-game – if you as a player need to stop the play for any reason. You as a player can at any time say "off-game" to stop the game. We will then stop playing our characters and listen to the player that said "off-game" and what they need. If playing online this can also be done by sending a message privately to the facilitator during the scenario.

Monologue – if the facilitator asks for a monologue, your character shares what they are thinking and feeling right now. It is a glimpse into the inner thoughts of that character. This response is not heard by the other characters, only the players.

ASSIGN CHARACTERS (8 min) Depending on the group you can either assign the characters as you see fit or you can let the players choose. If letting them choose, give a quick description of each character and remember that this will take a bit of extra time.

Give out the characters and instruct the players that when they have read them, they will do a short presentation round. They will get to choose a first name and pronouns for their character and write it on a name tag. In the presentation round, each player gets to share their characters' names, pronouns, and rank. (If playing online, ask the players to also change their names in Zoom to their characters' names and pronouns). Then, have the players draw their positions on the topics they will discuss during the scenario.

DISCUSSION POSITION (7 min) Allow each player to draw a paper slip with a position for each discussion point. This position is what their character thinks about the different questions but the players don't need to know that. They can just be informed that this information will help flesh out their character.

HOTSEAT (10 min) The facilitator will ask each character 2–3 of the following questions. The player will respond verbally in an improvised fashion as their character. This response counts as a monologue, i.e., is not heard by the other characters, only the players. It is a glimpse into the inner thoughts of that character. (Explain this to the participants

to be able to ask for monologues later during the scenario as a tool to shape the game)

(Read aloud) We are now going to ask questions for you to answer in character about your relation to the project.

(/Read aloud)

Questions:

- ♦ *Why did you want to be in this research group?*
- ♦ *What has been your favourite part of the project so far?*
- ♦ *How do you think the others in the research group would describe you?*

If a participant does not answer at length, you can ask the follow-up questions:

- ♦ *Describe the moment when you got acclaim for your project. What happened?*
- ♦ *Why was this your favourite part of the project?*
- ♦ *Do you think the others' descriptions match with how you think of yourself as a researcher?*

INTERVIEWS (10 min) Instruct the players to interview each other in the group. The player will respond verbally in an improvised fashion as their character. These responses also count as a monologue i.e., are not heard by the other characters, only the players. In the interview, the players will ask each character 2–3 of the following questions with a focus on your background, your projects, and your worries:

- ♦ *How many years have you been in academia?*
- ♦ *What project have you done that you feel the most proud of?*

♦ *What worries you the most about attending this meeting? Why?*

The questions can be printed out and given to the participants or they can write them down. (If playing online, just copy-paste the questions into the chat.)

BREAK (10 MIN)

GAME (50 MIN INC 10 MIN BREAK)

Here the players get to play the scenario. This gives an overview of how the scenario is played. You as a facilitator will be in charge of welcoming the group, setting the agenda, and helping the group discuss the different subjects. If the group seems to be stuck, use the “pause” mechanic to help them along by for example asking one of the characters to do a monologue.

START THE SCENARIO (5 min) Start off by telling the players that they will play for around 30 min total. Let them know that the game will end with you saying, “And here we break the game.” Then ask the players to close their eyes while you count down from 10 to 0. When you reach 0, they can open their eyes and then the scenario has started. While counting down you can make short pauses where you do a short guided meditation. It could be something like this:

10, 9, 8, Think about what got you interested in research to start with, what got your passion going, was it a specific event or something else? Maybe a teacher or a movie? (give them a little time to think about the answer), 7, 6, 5, 4, Think about your role in this research group, about what you think your purpose is here (give them a little time to think about the answer), 3, 2, 1, 0.

SCENES (35 MIN)

Start with Scene 1 but then the rest of the steps can come in a natural flow. Maybe the players jump back and forth between the different subjects; that is okay. If the players

feel unsure, then you can also lead them through a more structured agenda.

You have about 40 min for all four questions. Some might take more time and some less; it is up to you as the facilitator to keep time. You can pace the game by asking them to move on or to go back to previous questions. If they start asking about specific details in the invitation email, say that you did not bring the email but can send it to them later. The important part here is the general discussion about the different topics, not the specifics in the invitation.

SCENE 1 The Administrator (the facilitator's character) welcomes everybody to the meeting and informs the group that they have received an invitation to do a presentation for a special track at an international interdisciplinary research conference. Ask the group:

♦ *What information would you like to show if you were to present at this stage?*

SCENE 2 Let the group know that the conference is very soon.

♦ *Do you think you should do the presentation or not? And in that case, who should be there?*

SCENE 3 If the players haven't already started talking about publications or authorship, then you can say they still have not agreed yet about certain things in relation to the project and ask them about publishing.

♦ *When it's time to publish, where should you send your articles?*

SCENE 4

If it hasn't come up yet, ask them:

♦ *How will you assign authorship to your work, no matter if it's a presentation or an article?*

SCENE 5

Inform the group that the time for the meeting is over and that they will have to finish at another time.

END THE SCENARIO Say, "And here we break the game." Thank everyone for participating and inform them that they now will get a 10 min break before the group meets to talk about the experience.

BREAK (10 MIN)

POST-GAME (45 MIN)

The debrief is a place for players to share feelings, thoughts, and experiences, reflecting on the scenario. It is also a place to reinforce the learning objectives.

DEBRIEF IN SMALL GROUPS (20 min) Start with letting each player in the group share their responses to the following questions and also hold space for discussion. Make sure to take one question at a time:

- ♦ *What feelings emerged for you or your character during play?*
- ♦ *What was the hardest part to agree on? Why?*
- ♦ *What influenced your character the most in their decision-making?*
- ♦ *What needs and interests were most important for your character?*

Discuss the following topics, allowing people to volunteer comments:

- ♦ *What topics does an interdisciplinary group need to agree on at an early stage of the process?*
- ♦ *How does one's field, institution, or personal expectations affect the process?*
- ♦ *Did this exercise resemble your personal experience at all? Why or why not?*

PRESENT THE PRENUP MATERIAL IN SMALL GROUPS (20 in) Share and go through the prenup material with the group.

Ask the group to answer these questions, making sure to prompt the quieter participants to share:

How do they think this meeting would have gone if the group had done a prenup early on in the project instead of when invited to give the presentation?

- ♦ *Have they done a prenup in a project?*
- ♦ *Are there any questions you found surprising or had not really considered?*
- ♦ *Are there any questions missing that you would like to add?*
- ♦ *Are there any questions you feel would be hard to talk about very early in a project? Would it be easier to talk about them later or would it be even harder?*

Finish off by letting each player answer:

- ♦ *What are your main takeaways?*

DEEPENING THE PROCESS (5 min) Ask the participants to write down some observations from the discussion. If relevant, ask them to bring these observations back to their research group or team.

END THE SESSION Thank the participants for participating!

B. CHARACTER 1: THE PRIMARY INVESTIGATOR

Name: Cheng

Pronouns: _____

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer ← Your rank

Professor

Head of Department

Pilot project: Attitudes Toward Public Health: Impacts, Implications, and Change Pre- and Post-COVID-19.

Your role in the project: This project was your Big Idea to start with. Your knowledge of how previous pandemics have changed and shaped societies has been important for formulating the focus of the study.

B. CHARACTER 2: THE HEALTH SCIENTIST

Name: Misra

Pronouns: _____

Rank:

Research Assistant

Researcher ← Your rank

Lecturer

Senior Lecturer

Professor

Head of Department

Pilot project: Attitudes Toward Public Health: Impacts, Implications, and Change Pre- and Post-COVID-19.

Your role in the project: You are interested in the spread of epidemics and how to prevent the spread as much as possible. You are focused on evaluating what the answers in the survey can mean from a societal health perspective.

B. CHARACTER 3: THE BEHAVIORAL SCIENTIST

Name: Williams

Pronouns: _____

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer

Professor ← your rank

Head of Department

Pilot project: Attitudes Toward Public Health: Impacts, Implications, and Change Pre- and Post-COVID-19.

Your role in the project: You are interested in the gap between medical knowledge and people’s opinions and actions. You are also the one who has been handling statistics.

B. CHARACTER 4: THE POLITICAL SCIENTIST (*extra*)

Name: Garcia

Pronouns: _____

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer ← your rank

Professor

Head of Department

Pilot project: Attitudes Toward Public Health: Impacts, Implications, and Change Pre- and Post-COVID-19.

Your role in the project: Your focus is tracking any connections between the answers in the survey and the political situation in the country.

B. CHARACTER 5: THE GENDER STUDIES SCIENTIST (*extra*)

Name: Laurent

Pronouns: _____

Rank:

Research Assistant

Researcher

Lecturer

Senior Lecturer

Professor

Head of Department ← your rank

Pilot project: Attitudes Toward Public Health: Impacts, Implications, and Change Pre- and Post-COVID-19.

Your role in the project: Your focus is on power dynamics, as well as how different groups of people have been differently affected by the pandemic and may have varying opinions and behaviors because of it.

C. DISCUSSION POSITIONS

For each of the four questions, cut out the different positions and have the players draw one. The players do not need to hear the questions; they are for you as a facilitator.

Use as many positions for each question as you have players starting from the lowest number. For example, if you have 4 players you use numbers 1-4 and skip 5.

What should we include in a presentation?

1. A presentation at this stage should be kept very general. A good approach might be to focus the presentation on the project and the theoretical framework or literature review to give an overarching idea about what we are using. Anything related to the data and the analysis is way too new to discuss for now and should be kept out of a presentation.

2. We seem to have found some very interesting things here so a presentation should focus on the preliminary analysis and what that could mean. Sharing the data doesn't seem like a good idea; it becomes very specific and the analysis is the interesting part, not just a bunch of numbers and text.

3. We have a lot of interesting data that we can show and that is what we should focus on: the data, how we gathered it, some nice graphs showing some numbers, and also some of the written comments. We shouldn't share the preliminary analysis yet, not until we actually have vali-

dated it. When going deeper into the data we might find that our preliminary analyses were all wrong.

4. What is interesting here is the preliminary analysis, and that is what a presentation should focus on. But we also need to present the data, or at least some of it, because otherwise, the analysis isn't valuable. We need to show what evidence the analysis builds on.

5. A presentation at this stage should be kept very general. We could talk about how we collected the data, how many people answered, and so on, but not what they answered. The actual data and the analysis should be left out for now.

Should we do this presentation, which is happening very soon?

1. You think we should do this presentation but only if everyone can be there. You are an interdisciplinary team and every member brings something important to the table and therefore should be there to be able to represent their part. You are in this together and you really would not like it if someone would be left out. It also helps if the audience asks questions on parts that are related to your subject area.

2. You are okay with the group doing a presentation, as long as you do not have to be there. You have too much on your plate and there are other things you really need

to get done. You know the special track at the conference is within your field but you just cannot prioritize a presentation right now. If anyone wants to present and has the time, they can go for it, but just being at this meeting right now is stressing you out.

3. Doing a presentation sounds like a good plan. This conference is not within your field and you are feeling unsure about what you could contribute in this setting. You probably will not be able to answer the questions that come anyway, which might be true for some of the others also. It makes more sense that the presentation is delivered by the person most connected to the field of the conference.

4. You want a presentation to happen. It is really important to get your work out there early on to show what you are doing and get interest in the project. It is also a way to see what people are interested in and what questions they have so you can take them into account when applying for a full project after this pilot. You are longing to share your research with the world and this opportunity would be a step in the right direction.

5. You think it might be good to wait a bit before having a presentation. You want to have an article published before doing a presentation and even if you can start it, it is unlikely that it will be published and done before the conference. You have been to many conferences where people presented stuff that then never led anywhere. By having an article out there before you can make sure that does not happen and you have something to reference in the talk.

How should you approach publications?

1. You think that all articles you write need to be geared towards their specific target audience. Therefore it makes sense to have everyone publish in their own field since they are the experts there. You could do some papers separately and some in smaller groups depending on what you are writing about but trying to write all together will just become messy and take time. You know you will probably be busy since you might have a promotion coming up. Writing together will take time and make you look uninterested in your institution.

2. You come from a very well-renowned institution and it is important to keep it that way. You think the group should only go for publishing in high-impact journals. They don't want to get published just to be published, right? Publications should mean something, just like your research. And also, what would your colleagues at the institution say if you published in any random journal?

3. You really want to get more articles out there with your name on them. There is pressure from your institution to produce more academic work and working together on this project can be a good way to solve that. So why not publish as much as possible and do it together so you also can help and learn from each other?

4. Where to publish an article depends on the article itself. Sometimes you sit down and start to write and what comes out takes a different shape than you first thought. You

need to look at each article and see where it would fit best and have a few alternatives. Maybe an article you write actually will fit better in another field after some input from one of the others in the group. Writing is a process and you should also use the competence in the group to explore new things. Your institution appreciates having its researchers explore new areas and often highlights how this makes us better researchers.

5. When writing articles you should have a plan. You can't reach everyone and you need to focus on what parts are important to focus on. Once you look at the data a bit more closely, you think that you all together should decide on what field/fields to go for and only focus on that. Going too broad isn't helpful for the project; it just makes it seem scattered. Questions have already started coming from people at your institution about what field you are actually doing the research in since you are one of the few doing interdisciplinary research. You want to be able to give a clear answer.

How will you assign authorship?

1. When presenting authors, the one who did the most work should come first and then the others should be arranged based on how much they contributed from most to least.

2. When presenting authors, they should be in alphabetical order based on the last name. We are doing interdiscipli-

nary research and everyone is important so this practice is most fair.

3. When presenting authors, they should be in order based on each contributor's number of published academic articles from most to least.

4. When presenting authors, they should be in the order of academic seniority, with the highest ranking person first.

5. When presenting authors, the person that is most famous should be named first. And not just the most famous in one academic circle, but more on a general level including public appearances and popular interviews. This practice will help attract attention to the research outside of specific academic circles.

D. THE PRENUP QUESTIONS

The Collaborators' Prenup
(Ledford in Lyall et al., 2011)

Ten questions to discuss before starting a collaboration:

1. What do we expect to get out of this?
2. Who is going to do what and by when?
3. Who will have access to our data?
4. Who will give public presentations, and how much data will they reveal?
5. How will we assign authorship?
6. How will we decide when to publish?
7. Who owns the intellectual property?
8. Will we share our reagents with other labs?
9. What happens if one of us leaves the project?
10. What happens if one of us wants to form a separate, but related, collaboration with another lab?

Another important question mentioned by Lyall et al. (2011) is: What happens if someone doesn't do their part?

REFERENCES

Baird, Josephine, and Sarah Lynne Bowman. 2022. *The Transformative Potential of Immersive Experiences Within Role-playing Communities*. Revista de Estudos Universitário 48.

Barry, Andrew, and Georgina Born. 2013. *Interdisciplinary: Reconfigurations of the Social and Natural Sciences*. 1–56. Routledge.

Beltrán, Whitney “Strix.” 2012. Yearning for the Hero Within: Live Action Role-Playing as Engagement with Mythical Archetypes. In *Wyrd Con Companion Book*, edited by Sarah Lynne Bowman and Aaron Vanek, 89–96. Los Angeles, CA: Wyrd Con

Biagioli, Mario, and Alexandra Lippman, eds. 2020. *Gaming the Metrics: Misconduct and Manipulation in Academic Research*. Cambridge, MA: MIT press.

Bowman, Sarah Lynne, and Andreas Lieberoth. 2024. “Psychology and Role-playing Games.” In *The Routledge Handbook of Role-playing*

Game Studies, edited by José P. Zagal and Sebastian Deterding. London: Routledge.

Bowman, Sarah Lynne, and Kjell Hedgard Hugaas. 2019. *Transformative Role-play: Design, Implementation, and Integration*. Nordiclarp.org, December 10.

Bowman, Sarah Lynne, and Kjell Hedgard Hugaas. 2021. “Magic is Real: How Role-playing Can Transform Our Identities, Our Communities, and Our Lives.” In *Book of Magic: Vibrant Fragments of Larp Practices*, edited by Kari Kvittingen Djukastein, Marcus Irgens, Nadja Lipsyc, and Lars Kristian Løveng Sunde, 52–74. Oslo, Norway: Knutepunkt.

Bowman, Sarah Lynne, Josefin Westborg, and Josephine Baird. “Analog Role-playing Games as Vehicles for Co-Creative Social Skill Development.” Paper presented at Ropecon Academic Seminar, Helsinki, Finland, July 29, 2022.

Bowman, Sarah Lynne. 2010. *The Functions of Role-playing Games: How Participants Create Community, Solve Problems, and Explore*

Identity. Jefferson, NC: McFarland & Company, Inc.

Bowman, Sarah Lynne. 2013. “Social Conflict in Role-playing Communities: An Exploratory Qualitative Study.” *International Journal of Role-Playing* 4: 17–18.

Bowman, Sarah Lynne. 2014. “Educational Live Action Role-playing Games: A Secondary Literature Review.” In *Wyrd Con Companion Book*, edited by Sarah Lynne Bowman, 112–131. Los Angeles, CA: Wyrd Con.

Bowman, Sarah Lynne. 2018. “The Larp Domino Effect.” In *Shuffling the Deck: The Knutpunkt 2018 Color Printed Companion*, edited by Annika Waern and Johannes Axner, 161–170. Pittsburgh, PA: Carnegie Mellon University: ETC Press.

Bowman, Sarah Lynne. 2022. “Introduction to Transformative Game Design – Sarah Lynne Bowman.” YouTube video, January 5, 2022.

Boyatzis, Richard, and Annie McKee. 2005. *Resonant Leadership*. Boston, MA: Harvard Business School Press.

Brown, Stuart. 2009. *Play*. New York, NY: Penguin.

Byers, Andrew, and Francesco Crocco, eds. 2016. *The Role-Playing Society: Essays on the Cultural Influence of RPGs*. McFarland and Co.

Cahn, Dudley, and Ruth Abigail. 2014. *Managing Conflict Through Communication*. 5th Edition. Pearson.

Caillois, Roger. 1961. *Man, Play and Games*. Translated by Meyer Barash. New York: Free Press.

Campbell, Joseph. 2004. *Pathwaysto Bliss*. Novato, CA: New World Library.

CIRCUS. 2022. *Disciplinary Domain of Humanities and Social Sciences: CIRCUS*. Uppsala University, October 20.

Dashiell, Steven L. 2020. “Hooligans at the Table: The Concept of Male Preserves in Tabletop Role-playing Games.” *International Journal of Role-Playing* 10: 26–39.

Dashiell, Steven L. 2022. “Discussions of Fantasy Characters and Demonstrations of

- a Defensive Hybridity in Gamer Masculinity." *The Journal of Men's Studies* 31(1): 25–43.
- Deterding, Sebastian. 2017. Alibis for Adult Play: A Goffmanian Account of Escaping Embarrassment in Adult Play. *Games and Culture* 13(3): 260–279.
- Frasca, Gonzalo. 2003. "Simulation versus Narrative: Introduction to Ludology." In *The Video Game Theory Reader*, edited by Mark J.P. Wolf and Bernard Perron, 221–35. New York, London: Routledge
- Glasser, William. 1998. "Choice Theory: A New Psychology of Personal Freedom." Harper. Maslow, Abraham H. 1943. "A Theory of Human Motivation." *Psychological Review* 50(4): 370–396.
- Harviainen, J. Tuomas. "Systemic Perspectives on Information in Physically Performed Role-play." PhD diss., University of Tampere, 2012.
- Hugaas, Kjell Hedgard. 2019. Investigating Types of Bleed in Larp: Emotional, Procedural, and Memetic. Nordiclarp.org, January 25.
- Huizinga, Johan. 1958. *Homo Ludens: A Study of the Play-Element in Culture*. Boston, MA: Beacon Press.
- Illeris, Knud. 2009. "A Comprehensive Understanding of Human Learning." In *Contemporary Theories of Learning: Learning Theorist... In Their Own Words*. Routledge.
- Jara, David, and Evan Torner. "14 Literary Studies and Role-Playing Games." In *Role-Playing Game Studies: Transmedia Foundations*, edited by José P. Zagal and Sebastian Deterding. New York: Routledge.
- Järvelä, Simo. 2019. "How Real Is Larp?" In *Larp Design: Creating Role-play Experiences*, edited by Johanna Koljonen, Jaakko Stenros, Anne Serup Grove, Aina D. Skjønsvjell and Elin Nilsen. Copenhagen, Denmark: Landsforeningen Bifrost.
- Kapitany, Rohan, Tomas Hampejs, and Thalia R. Goldstein. 2022. "Pretensive Shared Reality: From Childhood Pretense to Adult Imaginative Play." *Frontiers in Psychology* 13: 774085.
- Khosropour, Shirin, Charlotte Gullick, and Laila Taraghi. "Larp and Conflict Transformation. Transformative Play Initiative." YouTube video, April 21 2022.
- Klein, Julie Thompson. 2017. "Typologies of Interdisciplinarity: The Boundary Work of Definition." In *The Oxford Handbook of Interdisciplinarity*, edited by Robert Frodeman. 2nd Ed. Oxford University Press.
- Koljonen, Johanna. 2020. Larp Safety Design Fundamentals. JARPS: Japanese Journal of Analog Role-Playing Game Studies 1: Emotional and Psychological Safety in TRPGs and Larp (September 21): 3e–19e.
- Längle, Alfred. 2003. "Burnout – Existential Meaning and Possibilities of Prevention." In *European Psychotherapy* 4(1): 107–121.
- Lankoski, Petri, and Simo Järvelä. 2012. "An Embodied Cognition Approach for Understanding Role-playing." *International Journal of Role-Playing* 3: 18–32.
- Lederach, John Paul. 2014. *Little Book of Conflict Transformation: Clear Articulation of the Guiding Principles by a Pioneer in the Field*. New York: Good Books.
- Leonard, Diana J., Jovo Janjetovic, and Maximilian Usman. 2021. "Playing to Experience Marginalization: Benefits and Drawbacks of 'Dark Tourism' in Larp." *International Journal of Role-Playing* 11: 25–47.
- Levin, Hilda. 2020. "Metareflection." In *What Do We Do When We Play?*, edited by Eleanor Saitta, Johanna Koljonen, Jukka Särkijärvi, Anne Serup Grove, Pauliina Männistö, and Mia Makkonen. Helsinki: Solmukohta.
- Levin, Hilda. 2022. "Bridging Historical and Present Day Community through Embodied Role-playing. Transformative Play Initiative." YouTube video, November 30 2022.
- Lyall, Catherine, Ann Bruce, Joyce Tait, and Laura Meagher. 2011. *Interdisciplinary Research Journeys: Practical Strategies for Capturing Creativity*. Bloomsbury Academic: London.
- Maslach, Christina. 2006. "Understanding Job Burnout." In *Stress and Quality of Work-*

ing Life: Current Perspectives on Occupational Health, 37–51. Information Age Publishing.

Montola, Markus. 2010. “The Positive Negative Experience in Extreme Role-playing.” In *Proceedings of DiGRA Nordic 2010: Experiencing Games: Games, Play, and Players*. Stockholm, Sweden, August 16.

Montola, Markus. 2012. “On the Edge of the Magic Circle: Understanding Role-Playing and Pervasive Games.” PhD diss., University of Tampere.

Montola, Markus, Jaakko Stenros, and Eleanor Saitta. 2015. *The Art of Steering: Bringing the Player and the Character Back Together*. Nordiclarp.org, March 29.

O’Brien, Karen. 2021. *You Matter More Than You Think. Quantum Social Change for a Thriving World*. Oslo, Norway: cCHANGE Press.

Pöllänen, Sonja and Arjoranta, Jonne. 2021. “Whose Were Those Feelings?” Affect and Likenessing in Halat Hisar Live Action Role-playing Game. *International Journal of Cultural Studies* 24, no. 6: 899–916.

Rosenberg, Marshall. 2015. *Nonviolent Communication: A Language of Life: Life-Changing Tools for Healthy Relationships*. 3rd Ed. PuddleDancer Press.

Salen, Katie, and Eric Zimmerman. 2003. *Rules of Play: Game Design Fundamentals*. Cambridge, MA: MIT Press.

Sharma, Monica. 2017. *Radical Transformational Leadership*. Berkley, CA: North Atlantic Books.

Stang, Sarah, and Aaron Trammell. 2020. “The Misogynist Ludic Bestiary: How Women are Made Monstrous in Dungeons & Dragons.” *Games and Culture* 15(6): 730–747.

Stark, Lizzie. 2012. *Leaving Mundania*. Chicago, IL: Chicago Review Press.

Stark, Lizzie. 2016. *Pocket Guide to American Freeform*. CreateSpace Independent Publishing Platform.

Stenros, Jaakko, and Markus Montola, eds. 2010. *Nordic Larp*. Stockholm, Sweden: Fëa Livia.

Stenros, Jaakko. 2010. “Essay: Nordic Larp as Theatre, Art and Gaming.” In *Nordic Larp*,

edited by Jaakko Stenros and Markus Montola, 300–315. Stockholm, Sweden: Fëa Livia.

Taraghi, Laila, Shirin Khorso-pour, and Sarah Lynne Bowman. “Teaching Conflict Transformation Through Roleplaying.” Presentation at 10th Annual National Community College Peacebuilding Seminar, The Forge Center, online, 2022.

Turner, Evan. 2018. “Emergence, Iteration, and Reincorporation in Larp.” In *Shuffling the Deck: The Knutpunkt 2018 Companion*, edited by Annika Waern and Johannes Axner, 171–179. ETC Press.

Turner, Victor. 1995. *The Ritual Process: Structure and Anti-Structure*. New York: Aldine De Gruyter.

Vallerand, Robert J. 2015. *The Psychology of Passion*. New York, NY: Oxford University Press.

Waddock, Sandra. 2015. *Intellectual Shamans*. Cambridge, UK: Cambridge University Press.

Waern, Annika. 2010. “I’m in Love With Someone That Doesn’t Exist!!’ Bleed in the Context of a Computer Game.”

In *Proceedings of DiGRA Nordic 2010: Experiencing Games: Games, Play, and Players*. Stockholm, Sweden, August 16.

Westborg, Josefin. 2022. “Designing the Framing. Transformative Play Initiative.” YouTube video.

Westborg, Josefin. 2022. “Learning and Framing. Transformative Play Initiative.” YouTube video, November 16.

Westerling, Anna, and Anders Hultman. 2019. “Meta-Techniques.” In *Larp Design: Creating Role-play Experiences*, edited by Johanna Koljonen, Jaakko Stenros, Anne Serup Grove, Aina D. Skjønsfjell and Elin Nilssen, 262–268. Copenhagen, Denmark: Landsforeningen Bifrost.

White, William J., Evan Turner, and Sarah Lynne Bowman. 2022. “Editorial: The Social Epistemology of Analog Role-Playing Game Studies.” *International Journal of Role-Playing* 12: 2–5.

Winnicott, Donald W. 1960. “The Theory of the Parent-Infant Relationship.” *The International Journal of Psychoanalysis* 41: 585–595.

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p. 89 A version of the
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