

# HUMAN(E) TECH DESIGN STUDIOS

BROKENNESS/REPAIR: ARCHIVE FOR A MENDED FUTURE

WITH HOST PURDOM LINDBLAD

**ASU** Lincoln Center  
for Applied Ethics  
Arizona State University

## How to Use Design Central

**DESIGN CENTRAL** is the hub for our Human(e) Tech Design Studios. This is where you can find all essential information, links to resources, and ongoing updates across all of our design studios.

Best of all? It's **searchable!** So if you want to Find something specific, use (ctrl + F or command + F on a Mac) and type in your search.

You can also use **Document Outline** to navigate. To open the outline, click View > Show document outline. The outline opens on the left and you can click on different sections to go directly to them.

## Studios

- April 8th, 2022: “Questioning the Question: What is Mending?, with Host Irasema Coronado”
- September 30th: “Brokenness/Repair: Archive for a Mended Future, with Host Purdom Lindblad” [See Studio Digest #3 here.](#)
- April 8th: “Misfits: (Dis)Ability, Bodies, and Work, with Host Rosemarie Garland-Thomson” [See Studio Digest #2 here.](#)

- Feb 25th: “Future of Work at the Human-Technology Frontier with Host Katina Michael” [See Studio Digest #1 here.](#)

## Sessions: Links & Agendas

April 8, 2022 Design Studio Zoom Link: <https://asu.zoom.us/j/86542658414>

April 8, 2022 Design Studio agenda:

**Introduction:** 10 min

**Movement 1:** 25 min

**Movement 2:** 25 min

**Break:** 15 min

**Movement 3:** 30 min

**Final Thoughts:** 15 min

## Breakout Groups

April 8 Breakout Groups:

Breakout Room 1

- *Facilitator:* Gaymon Bennett
- *Timekeeper:* Sean Kenney
- Katina Michael
- Robert Newman
- Nathan Shedroff
- Pardis Mahdavi
- Dede

Breakout Room 2

- *Facilitator:* Elizabeth Langland
- *Timekeeper:* Max Gabriele
- Sam Ashlee
- Radha Mistry
- Marcel O’Gorman
- Purdom Lindblad

Breakout Room 3

- *Facilitator:* Erica O’Neil
- *Timekeeper:* Tori Vandekop
- Rosemarie Garland-Thomson
- Cristina Boyles
- David Kirkpatrick
- Barry Brown

## **Sept 30th Breakout Groups:**

### **Breakout Room 1**

- *Facilitator:* Erica O'Neil
- *Timekeeper:* Liz Grumbach
- Irasema Coronado
- Marcel O'Gorman
- Sam Ashlee

### **Breakout Room 2**

- *Facilitator:* Elizabeth Langland
- *Timekeeper:* Max Gabriele
- Christina Boyles
- David Kirkpatrick
- Radha Mistry

### **Breakout Room 3**

- *Facilitator:* Gaymon Bennett

- *Timekeeper:* Taylor Genovese
- Pardis Mahdavi
- Ian Bogost
- Dédé Tetsubayashi

### **Breakout Room 4**

- *Facilitator:* Tamara Christensen
- *Timekeeper:* Adrianna Matthews
- Ayanna Thompson
- Rosemarie Garland-Thomson
- Nathan Shedroff

### **Breakout Room 5**

- *Facilitator:* Sean Kenney
- *Timekeeper:* Tori Vandekop
- Katina Michael
- Robert Newman
- Teddy Zmrhal

## **April 8th Breakout Groups:**

### **Breakout Room 1**

- *Facilitator:* Erica O'Neil
- *Timekeeper:* Adrianna Mathews
- Katina Michael
- Barry Brown
- Purdom Lindblad

### **Breakout Room 3**

- *Facilitator:* Elizabeth Langland
- *Timekeeper:* Tori Vandekop
- Radha Mistry
- David Kirkpatrick
- Pardis Mahdavi
- Sam Ashlee

### **Breakout Room 2**

- *Facilitator:* Gaymon Bennett
- *Timekeeper:* Taylor Genovese
- Irasema Coronado
- Christina Boyles
- Marcel O'Gorman
- Jake Dunagan

### **Breakout Room 4**

- *Facilitator:* Tamara Christensen
- *Timekeeper:* Sean Kenney
- Teddy Zmrhal
- Robert Newman
- Ayanna Thompson
- Dédé Tetsubayashi

## **Feb 25th Breakout Groups:**

### **Breakout Room 1**

- *Facilitator:* Erica O'Neil
- *Timekeeper:* Adrianna Mathews
- Barry Brown
- Irasema Coronado
- Ian Bogost
- Dédé Tetsubayashi

### **Breakout Room 3**

- *Facilitator:* Elizabeth Langland
- *Timekeeper:* Tori Vandekop
- Nathan Shedroff
- Ayanna Thompson
- Purdom Lindblad
- David Kirkpatrick

### **Breakout Room 2**

- *Facilitator:* Gaymon Bennett
- *Timekeeper:* Taylor Genovese
- Radha Mistry
- Jeffrey Cohen
- Christina Boyles
- Robert Newman

### **Breakout Room 4**

- *Facilitator:* Tamara Christensen
- *Timekeeper:* Sean Kenney
- Teddy Zmrhal
- Pardis Mahdavi
- Marcel O'Gorman
- Rosemarie Garland-Thomson

# Prework

In order to prime our conversations during the design studio and to make the most of our time together, we are following the caveat from our lead facilitator Tamara Christensen that: "We shouldn't do anything on Zoom that we can't accomplish prior to logging on." Toward that end, we would like for you to complete a short list of questions for our collaborator profiles and complete a bit of pre-work in anticipation of our meeting together next week. Both are brief and together should take only 20 minutes of your time.

Arizona State University is committed to providing universal access to all of our events. Please contact Erica O'Neil ([eloneil@asu.edu](mailto:eloneil@asu.edu), 623-680-8309) to request disability accommodations. Advance notice is necessary to arrange for some accessibility needs.

## **April 8th, 2022 Studio:**

1. Read [Pat Mora's poem "Desert Women"](#) in advance of the studio, meditating on connections as a form of mending;
2. Read [the provided chapter on "Promoting social change..."](#) from host Irasema Coronado;
3. Review our Studio Digest from the session on "Reparative Archives," in particular the insights on repair from Movement 3 ([https://drive.google.com/file/d/17auNJmzWO876AkoHVgKM6OTM6Rb1D4iH/vie w](https://drive.google.com/file/d/17auNJmzWO876AkoHVgKM6OTM6Rb1D4iH/view)).
4. Please send the below to Erica O'Neil (Erica.Oneil@asu.edu) at your earliest convenience:
  - a. a song that recalls for you a moment of questioning, for our Studio Spotify playlist.

**(Archived from Third Studio) September 30th Studio:**

As we prepare for our next studio together, “Brokenness/Repair: Archive for a Mended Future,” we’d like you to do three things:

1. Read the first three pages of Steven Jackson’s “Rethinking Repair,” which introduces for our studio some important concepts, such as “repair,” “broken world thinking,” “restitution,” and “recuperation.”
  - a. [https://sjackson.infosci.cornell.edu/RethinkingRepairPROOFS\(reduced\)Aug2013.pdf](https://sjackson.infosci.cornell.edu/RethinkingRepairPROOFS(reduced)Aug2013.pdf)
  - b. (Optional) Browse: <https://www.underwatersculpture.com/>
2. Spend 2 minutes making an informal recording describing something precious—a moment, a practice, an event, etc.—that you want to preserve from the past year and a half even as much of the world rushes to restore our pre-pandemic lives.
  - a. Ways to record: Your phone’s video or audio recording feature, Zoom’s recording function, social media platforms you can link us to: TikTok/Instagram/etc.
3. Send in a song which reflects for you brokenness, repair, mending. We will gather these and play them during our design studio.
4. Gather mending and marking materials to use with the envelope we sent you in person. This activity will constitute movements 2 and 3 of the design studio.
  - a. Example of mending/marketing materials:



**(Archived from Second Studio) April 8th:**

**Collaborator profile questions:**

As we prepare for our upcoming studio on April 8th, “Misfits: (Dis)Ability, Bodies, and Work,” we ask that you respond to two questions for your collaborator profile:

1. **What song or creative object makes you feel like a misfit?**
2. **Describe a time that you wanted to fit in but didn’t.**

At your convenience, please email your responses to Erica O'Neil ([Erica.oneil@asu.edu](mailto:Erica.oneil@asu.edu)), who will record your responses in your individual profile.

### **Reading/Watching List**

You will also have received in the mail a copy of ***About Us: Essays from the Disability Series of the New York Times***, edited by Peter Catapano and Rosemarie Garland-Thomson. As prework, we would appreciate your browsing through the essays and choosing two or three that resonate for you. As you consider those, think of a story of your own to share with your break-out group on April 8th, a personal narrative reflecting a misfit between your "enfleshed" body and technology.

### **(Archived from First Studio) February 25th:**

#### **Collaborator profile questions**

So your fellow-travelers can get to know you, please complete [this short questionnaire](https://forms.gle/DHfDgrY7fWqJdCvU9) (<https://forms.gle/DHfDgrY7fWqJdCvU9>) by **Friday February 19th**, if possible. We will circulate the results to all of you shortly thereafter. If you have any trouble attaching a photo, you can send that file directly to Erica O'Neil at [eloneil@asu.edu](mailto:eloneil@asu.edu).

### **Reading/Watching List**

#### [David Graeber, "On the Phenomenon of Bullshit Jobs: A Work Rant"](#)

Questions to consider while reading: "How have the rhythms of automation impacted our concept of work? What would the future of work look like if we reassessed the motivations for why we work, and what makes work meaningful?" 9 minute read.

#### [Boston Dynamics, "Handle Robot Reimagined for Logistics"](#)

Questions to consider while watching: "What tasks do you want a robot doing? How do those tasks benefit our lives, and what are the potential harms?" 1.5 minute video.

#### [Boston Dynamics, "Do you love me?"](#)

Consider this quote from our design studio host, Katina Michael, while watching: "We love our computers but they do not love us and never will." 3 minute video.

## **Participants**



**Sam Ashlee**

**Honeywell Connected Enterprise**

Describe yourself in 3 words:

***Curious, Driven, Charming***

What song makes you want to dance like a robot?

***"Combat Baby" by Metric***

If you could wave a magic wand, what would you change about work? ***Being fully remote for those who want that! I love seeing colleagues in-person, so having***

*some sort of fully hybrid schedule would be ideal. Also, I'd love for salaries to be more transparent.*

What quote from a movie or book best reflects where you think the future of tech is headed? “*...just because you see something, it doesn't mean to say it's there. And if you don't see something, it doesn't mean to say it's not there.*” –*Douglas Adams, The Ultimate Hitchhiker's Guide to the Galaxy*

What song or creative object makes you feel like a misfit?

**“Rebel Girl” by Bikini Kill**

Describe a time that you wanted to fit in but didn't.

**Three things come to mind initially:**

1. *Growing up in Hawaii I went to a high school with nearly 1000 students and I was one of only 4 white people. Actually a really great experience, and a great way to grow up! But there were certain ways I just wouldn't and couldn't fit in, and learning about the nuances of that was quite special.*
2. *My career—I'm someone who has a PhD in Women's, Gender, & Sexuality Studies, but had never taken a course on gender AND didn't identify as a feminist when I first entered my PhD program. (I do now!) Also with User Experience (UX), so many people were trained in design, human-computer interaction, engineering, etc., and I was not. I found my own authentic ways to fit within the tech industry from a background that had seemingly “little” to do with tech.*
3. *I'm queer. My husband is a trans man and we live in the south. Now we “fit” in with the straight/white/heteronormative community but... do we want to? (Lol!) We WANT to “fit” in and be “read” and “pass” as queer, but it's also arguably “safer” to be read as “straight” in the south. Lots of stuff to think about there.*

[Link to learn more about Sam.](#)



**Gaymon Bennett**

**Arizona State University**

Describe yourself in 3 words:

***Stirring my cauldron.***

What song makes you want to dance like a robot?

***Oingo Boingo's "Dead Man's Party"***

If you could wave a magic wand, what would you change about work?

***More making.***

What quote from a movie or book best reflects where you think the future of tech is headed? **"What's that flashing?"**

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

[Link to learn more about Gaymon.](#)



**Ian Bogost**

**Georgia Institute of Technology**

Describe yourself in 3 words:

What song makes you want to dance like a robot?

If you could wave a magic wand, what would you change about work?

What quote from a movie or book best reflects where you think the future of tech is headed?

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

[Link to learn more about Ian.](#)



**Barry Brown**

**Runway Innovation Hub**

Describe yourself in 3 words:

**Stories, Relational, Curious**

What song makes you want to dance like a robot?

**Village People's "Y.M.C.A."**

If you could wave a magic wand, what would you change about work? **The sweat.**

What quote from a movie or book best reflects where you think the future of tech is headed? **Susan, asking about the Lion, "Is he safe?" Ms. Beaver, "Safe? Who said**

*anything about being safe? 'Course he isn't safe. But he's good." -C.S. Lewis, The Lion, The Witch, and The Wardrobe*

What song or creative object makes you feel like a misfit? "**My Way**" by Frank Sinatra  
Describe a time that you wanted to fit in but didn't. *In my Masters Program I enrolled in a seminar. Intimidated by both the small number of the class and the nuanced subject matter, I finally spoke up in the third session. There was a chuckle and a professor rescue as I mispronounced the word LOGOS. It was clear to me that I was on the outside looking in; or, after that episode, I didn't want to be part of something that wasn't more whole.*

[Link to learn more about Barry.](#)



**Christina Boyles**  
Michigan State University

Describe yourself in 3 words:

**Reader. Writer. Learner.**

What song makes you want to dance like a robot?

**Men Without Hats "The Safety Dance"**

If you could wave a magic wand, what would you change about work? **I would make work more collaborative and process-focused!**

What quote from a movie or book best reflects where you think the future of tech is headed? *"If we can't make our data reflect lived experiences, then we are simply playing around with the master's tools and calling it freedom." - Jessica Marie Johnson*

What song or creative object makes you feel like a misfit?

**Niña Diaz's "Dale"**

Describe a time that you wanted to fit in but didn't.

**Working as the "DH" person in a rhetoric and composition department.**

[Link to learn more about Christina.](#)



**Tamara Christensen**  
ASU University Design Institute

Describe yourself in 3 words:

**Embracing co-creative alchemy.**

What song makes you want to dance like a robot?

**"Bad Romance," Lady Gaga**

If you could wave a magic wand, what would you change about work? **Less trauma, more healing.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn." -Alvin Toffler**

What song or creative object makes you feel like a misfit? **"Lust for Life" by Iggy Pop**

Describe a time that you wanted to fit in but didn't. **I so wanted to be a surfer. I was sure my love of the ocean would translate into a natural ability to ride the waves. Not even close. It was very humbling, and embarrassing. I felt petrified and clearly out of my element. An outsider.**

[\*\*Link to learn more about Tamara.\*\*](#)



**Jeffrey Cohen**

**Arizona State University**

Describe yourself in 3 words:

**Always wanting more.**

What song makes you want to dance like a robot?

**What song doesn't.**

If you could wave a magic wand, what would you change about work? **More space to think and create, less screen based obligation.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"To infinity and beyond!" Buzz Lightyear, Toy Story**

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

[\*\*Link to learn more about Jeffrey.\*\*](#)



## Irasema Coronado

Arizona State University

Describe yourself in 3 words:

**Passionate, Committed, Activist**

What song makes you want to dance like a robot?

**Lou Bega's "Mambo No. 5"**

If you could wave a magic wand, what would you change about work? **All work should be fun.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"Technology brings us closer to people who are geographically far away—but separates us from those who are geographically nearby."**

What song or creative object makes you feel like a misfit? **Rednex's "Cotton Eye Joe"**

Describe a time that you wanted to fit in but didn't. **I lived in Texas for over almost 25 years! At most weddings, parties I attended they always started playing and dancing to that song. I could not get this right and felt that I was not a Texan, always felt like an outsider.**

[Link to learn more about Irasema.](#)



## Jake Dunagan

Institute for the Future

Describe yourself in 3 words:

**Punning for Gold**

What song makes you want to dance like a robot?

**"Intergalactic" by Beastie Boys**

If you could wave a magic wand, what would you change about work?

**That I'd only have to do the parts I like.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"The camp police even spied on dreams." -La Jetee**

What song or creative object makes you feel like a misfit? **"She's Lost Control" by Joy Division**

Describe a time that you wanted to fit in but didn't. **I would say with my in-laws, but I really don't want to fit in with them.**

Links to learn more about Jake: [jakedunagan.com](http://jakedunagan.com), <https://native-land.ca>



**Rosemarie Garland-Thomson**  
**Emory University**

Describe yourself in 3 words:

***Ardent, Wise, Womanly***

What song makes you want to dance like a robot?

***I don't dance!***

If you could wave a magic wand, what would you change about work? ***Doing most of it in person. Using a computer only to write prose, articles, and books.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"Only Connect."* -E.M. Forester**

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

[\*\*Link to learn more about Rosemarie.\*\*](#)



**Taylor R. Genovese**  
**Arizona State University**

Describe yourself in 3 words:

***Iconoclast, Anthropologist, Communist***

What song makes you want to dance like a robot?

***Dead or Alive's "You Spin Me Round (Like a Record)"***

If you could wave a magic wand, what would you change about work? ***Transfer the means of production to the workers themselves; make supervisors electable and directly recallable by workers.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"The ultimate, hidden truth of the world is that it is something that we make, and could just as easily make differently."* -David Graeber**

What song or creative object makes you feel like a misfit? ***Black Flag's "Rise Above"***

Describe a time that you wanted to fit in but didn't.

[Link to learn more about Taylor.](#)



**Elizabeth Grumbach**  
Arizona State University

Describe yourself in 3 words:

***Compassionate, Listener, Alchemist***

What song makes you want to dance like a robot?

***"D.A.N.C.E." by Justice (MSTRKRFT remix)***

If you could wave a magic wand, what would you change about work?

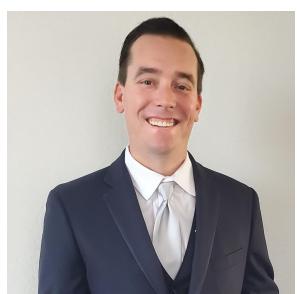
***Equity and justice being at the forefront of all conversations about strategic goals.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"Get away from her, you bitch!" -Ellen Ripley as cyborg, Alien***

What song or creative object makes you feel like a misfit? ***"People Who Died" Jim Carroll Band***

Describe a time that you wanted to fit in but didn't. ***I wanted so badly to be good at running, at having adventures outside, but my childhood body couldn't handle those things without getting seriously ill. It was so often the pent-up energy of "missing out" that made me feel like I didn't "fit in."***

[Link to learn more about Liz.](#)



**Sean Kenney**  
Arizona State University

Describe yourself in 3 words:

***Relaxed, Happy, Thoughtful***

What song makes you want to dance like a robot?

***"I Wanna Dance With Somebody" by Whitney Houston***

If you could wave a magic wand, what would you change about work? ***The American concept of corporate structure (i.e. 9-5 business hours, limited vacation/personal time, etc.).***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"The human spirit must prevail over technology." -Albert Einstein***

What song or creative object makes you feel like a misfit? "**Good People**" By **Jack Johnson**

Describe a time that you wanted to fit in but didn't. **I am a misfit among my peers when it comes to social media. I have not engaged in social media and people my age are shocked to learn this. People ask why and I'm not sure I have an answer but I do lead a private life so this may contribute to my hesitation.**

[Link to learn more about Sean.](#)



**David Kirkpatrick**

Techonomy Media

Describe yourself in 3 words:

**Journalist, tech provocateur.**

What song makes you want to dance like a robot?

**Devo's "Jocko Homo"**

If you could wave a magic wand, what would you change about work? **Ban all yelling by bosses forever.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"There is no future for tech, it is just the future of the world."**

What song or creative object makes you feel like a misfit? **I am probably not going to be able to think of a song that makes me feel like a misfit, though I think that's a very good suggestion. I'm not sure that's how I interact with music, fwiw.**

Describe a time that you wanted to fit in but didn't. **As for a time I wanted to fit in, but didn't, that is a frequent occurrence. But in regard to tech, I am increasingly finding that all social media makes me feel that way. I go on Twitter and feel the aggressive emotional energy of all those people seeking to draw attention to themselves. I feel inadequate, and repelled. Definitely don't fit in. Am I inadequate for not wanting that much attention myself? Would I be a more modern person then? Am I just afraid of taking the risk of being ridiculed, which is such a central feature of the platform? I do like attention, but I increasingly question the routine impulse there to presume large numbers of people should attend to your every utterance. That presumptuousness seems baked in to Twitter's design. Also, the competition to be the cleverest responder to whatever is happening in the news feels to me trivializing. Fwiw, Facebook's recent algorithm changes make it feel relatively safer.**

[Link to learn more about David.](#)



**Elizabeth Langland**  
Arizona State University

Describe yourself in 3 words:

***Insightful, flexible, collaborative***

What song makes you want to dance like a robot?

***"Staying Alive"***

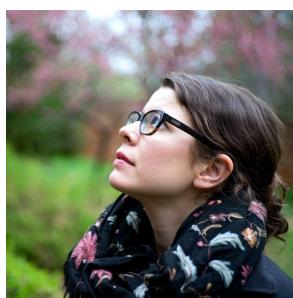
If you could wave a magic wand, what would you change about work? ***The complete penetration of our lives by email.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"And so we beat on, boats against the current, borne back ceaselessly into the past."***

What song or creative object makes you feel like a misfit? ***"Imagine" John Lennon***

Describe a time that you wanted to fit in but didn't. ***I arrived as a new assistant professor at a prestigious, private Southern university, the first woman on the faculty in an all-male department. In case I didn't feel sufficiently misfit during my first week on campus, a male graduate student introduced himself for the purpose of telling me that I was hired only because I was a woman.***

[Link to learn more about Elizabeth.](#)



**Purdom Lindblad**  
Maryland Institute for Technology

Describe yourself in 3 words:

***Curious, Maker, Dreamer***

What song makes you want to dance like a robot?

***"I Bet You Look Good on the Dance Floor," Arctic Monkeys***

If you could wave a magic wand, what would you change about work? ***Compensated and protected time for creative play: sketching, knitting, collaging, daydreaming.***

What quote from a movie or book best reflects where you think the future of tech is headed? "***Any moment called 'Now' is always full of possibles.***" -***China Miéville, The Kraken***

What song or creative object makes you feel like a misfit? "***American Music***" by the ***Violent Femmes***

Describe a time that you wanted to fit in but didn't. ***My very twangy Northern Florida/Southern Georgia accent when I moved to Michigan in my last year of high school. I wanted to make friends, wanted to simply understand what was being said...there were communication challenges.***

[Link to learn more about Purdom.](#)



**Pardis Mahdavi**  
Arizona State University

***Describe yourself in 3 words:***  
***Bold, Inclusive, Fast***

What song makes you want to dance like a robot?  
***Anything by TheFatRat.***

If you could wave a magic wand, what would you change about work? ***Make it more efficient. Less meetings, more focused dialogues.***

What quote from a movie or book best reflects where you think the future of tech is headed? "***The master's tools will never dismantle the master's house.***" -***Audre Lorde***

What song or creative object makes you feel like a misfit? "***Love of Speed***" by ***Kiosk***  
Describe a time that you wanted to fit in but didn't. ***In 2000 I went to Iran for the first time. All my life I felt like I didn't belong in the U.S. and assumed that once I got to Iran, I would fit. But then I got to Iran and I didn't fit there either! My accent and "kitchen Farsi" along with my constantly slipping headscarf made me stand out. I suddenly felt like I didn't fit in!***

[Link to learn more about Pardis.](#)



**Adrianna Matthews**  
Arizona State University

Describe yourself in 3 words:

**Hardworking, Motivated, Caring**

What song makes you want to dance like a robot?

**Eddy Grant's "Electric Avenue"**

If you could wave a magic wand, what would you change about work?

**More understanding and flexibility in terms of vacation time, sick leave, etc.**

What quote from a movie or book best reflects where you think the future of tech is

headed? **"Can a robot write a symphony? Can a robot turn a canvas into a**

**beautiful masterpiece? Can you?" -Isaac Asimov, I, Robot**

What song or creative object makes you feel like a misfit? **David Bowie's "Ziggy Stardust" and Ava Max's "So Am I"**

Describe a time that you wanted to fit in but didn't. **When I lived in my small town in Ohio, I was bullied and overlooked the majority of the time in school. I wanted to be like everyone else but I didn't have the same interests and was looked at as the "weird" kid quite often. That really bothered me at the time, but it shaped who I am today.**

[Link to learn more about Adrianna.](#)



**Radha Mistry**

Autodesk

Describe yourself in 3 words:

**Curious, unremarkably eclectic**

What song makes you want to dance like a robot?

**MGMT's "Electric Feel"**

If you could wave a magic wand, what would you change about work?

**Our metrics of success towards optimization and away from learning and curiosity.**

What quote from a movie or book best reflects where you think the future of tech is headed?

**Can't remember where I heard/read this "I think our collective impatience can get in the way of progress"**

What song or creative object makes you feel like a misfit? ***Any Hindi song from my childhood.***

Describe a time that you wanted to fit in but didn't. ***Most of elementary and high school. Straddling two cultures and trying to find my own identity as a creative somewhere in between always made me feel like a misfit, until I got to architecture school in New Orleans.***

[Link to learn more about Radha.](#)



**Katina Michael**

**Professor in the School for the Future of Innovation in Society and School of Computing, Informatics and Decision Systems Engineering**

Describe yourself in 3 words:

***Present, Reflective, Contemplative***

What song makes you want to dance like a robot?

**"The Power" by Snap! "Gonna Make You Sweat (Everybody Dance Now)" by C+C Music Factory and "iRobot (The Human Condition)" by Jon Bellion**

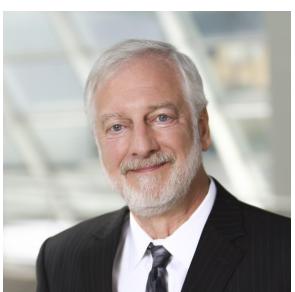
If you could wave a magic wand, what would you change about work? ***Ditch the email - talk to y'all instead!***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"What's our big-ticket item? Upgrades, people. Upgrades." Robots, 2005***

What song or creative object makes you feel like a misfit? ***Cindy Lauper "Girls Just Want To Have Fun"***

Describe a time that you wanted to fit in but didn't. ***The cool group at High School that seemed to have parents who allowed them to do 'anything' without reservation. I never wanted to lie to my parents about my whereabouts or who I was with or do anything they disapproved of. I guess that is why when I told them at 18 I was getting married, they let me, without question. Trust.***

[Link to learn more about Katina.](#)



**Robert Newman**

**National Humanities Center**

Describe yourself in 3 words:

**Busy, Focused, Curious**

What song makes you want to dance like a robot?

**The Brandt Brauer Frick Ensemble's "Mr. Machine"**

If you could wave a magic wand, what would you change about work? **More resources to accomplish broader vision.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"We have met the enemy and he is us."**

What song or creative object makes you feel like a misfit? **Bob Dylan's "Like a Rolling Stone"**

Describe a time that you wanted to fit in but didn't. **When I was in seventh grade, the only African-American girl in my class invited me as her date to the Sadie Hawkins dance. Once this became known, I was ridiculed by most of my friends (all white) both prior to and at the dance. I remember feeling utterly out of sorts and isolated, confused about how to behave toward my date and my friends, angry, ashamed at both my situation and my feelings.**

[\*\*Link to learn more about Robert.\*\*](#)



**Marcel O'Gorman**

University of Waterloo

Describe yourself in 3 words:

**Critical. Ambivalent. Complicit.**

What song makes you want to dance like a robot?

**"Robotic" by Hanna Georgas**

If you could wave a magic wand, what would you change about work? **I would make sure that when we say "work," we're not just talking about white-collared workers losing their jobs to AI.**

What quote from a movie or book best reflects where you think the future of tech is headed? **"There's messages in every game. Like Pac-Man. You know what PAC stands for? Program and control." - Black Mirror**

What song or creative object makes you feel like a misfit? **Johnny Cash, "One Piece at a Time"**

Describe a time that you wanted to fit in but didn't. *I was at the closing event of a Digital Humanities weeklong event where I had led a workshop on critical design. The other presenters were geeking out about big data applications and other “innovation-centric” developments in DH. I just wanted to hear about how the humanities can impact big tech, but instead I got tech-enthusiasm.*

[Link to learn more about Marcel.](#)



**Erica O'Neil**  
Arizona State University

Describe yourself in 3 words:

***Less provincial Hobbit.***

What song makes you want to dance like a robot?

***"Cabinet Man" by Lemon Demon***

If you could wave a magic wand, what would you change about work? ***Universal basic income and a rigorous social safety net not tied to work.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***Potentially evil. Potentially good, too, I suppose. Just this huge powerful potentiality waiting to be shaped.*** -Neil Gaiman, *Good Omens*

What song or creative object makes you feel like a misfit? ***David Bowie's "Space Oddity" and Queen's "I Want to Break Free"***

Describe a time that you wanted to fit in but didn't. ***See: Childhood (eldest of all kids and cousins, responsible for their wellbeing and too old to play with them but too young to hang with the adults). All of adolescence (who wasn't though?). Most of my 20s (hello imposter syndrome!). Much less in my 30s (came to the cynical but liberating realization that everyone is so absorbed in themselves that they aren't concerned about what I'm up to--we're all our own protagonist).***

[Link to learn more about Erica.](#)



**Nathan Shedroff**  
Seed Vault

Describe yourself in 3 words:

***Inquisitive, Brief***

What song makes you want to dance like a robot?

**No answer submitted.**

If you could wave a magic wand, what would you change about work? ***Incentives, Communication, and Meaning.***

What quote from a movie or book best reflects where you think the future of tech is headed? **No answer submitted.**

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

[\*\*Link to learn more about Nathan.\*\*](#)



**Dédé Tetsubayashi**

incluu

Describe yourself in 3 words:

***Fierce, Loving, Revolutionary***

What song makes you want to dance like a robot?

***"Around The World" Daft Punk***

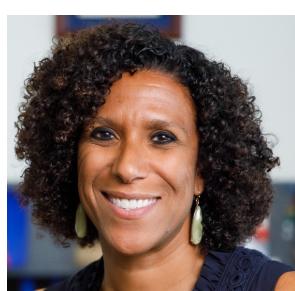
If you could wave a magic wand, what would you change about work? ***I'd make it more meaningful and ensure that it always feeds our souls.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***My own quote is that I believe the intersection of product, justice (equity, inclusion, accessibility), ethics (safety, privacy, security by design) is the direction the tech industry must move toward in order to stay relevant and have a global impact.***

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

**Links to learn more about Dédé: <https://incluu.us>, <https://dr-dede.com>**



**Ayanna Thompson**

Arizona State University

Describe yourself in 3 words:

***Passionate scholar, extroverted-presenting introvert, curious***

What song makes you want to dance like a robot?

***Devo's "Whip it Good"***

If you could wave a magic wand, what would you change about work? ***I'd eliminate email!***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"There are black people in the future."***

What song or creative object makes you feel like a misfit? ***1980s alternative music:***

***The Cure, Dead Kennedys, Bad Brains***

Describe a time that you wanted to fit in but didn't. ***Almost every day in my field, Shakespeare studies...***

[\*\*Link to learn more about Ayanna.\*\*](#)



**Victoria Vandekop**

Arizona State University

Describe yourself in 3 words:

***Caring, Sentimental, Loyal***

What song makes you want to dance like a robot?

***Men Without Hats' "Safety Dance"***

If you could wave a magic wand, what would you change about work? ***One central communication platform that everyone used solely for work. That way, I never miss a work email or message.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"We expect more from technology and less from each other. We create technology to provide the illusion of companionship without the demands of friendship." -Sherry Turkle***

What song or creative object makes you feel like a misfit? ***Taylor Swift's "You Belong With Me"***

Describe a time that you wanted to fit in but didn't. ***A time where I wanted to fit in but didn't was in dance class. I love dancing and wish I was good at it!***

[Link to learn more about Victoria.](#)



**Teddy Zmrhal**

**Salesforce**

Describe yourself in 3 words:

***Entrepreneur/Intrapreneur + Design/Innovation Leader***

What song makes you want to dance like a robot?

***Styx's "Mr. Roboto"***

If you could wave a magic wand, what would you change about work? ***A culture of belonging to diversity was actually possible.***

What quote from a movie or book best reflects where you think the future of tech is headed? ***"Call me Trim Tab!" -Buckminster Fuller***

What song or creative object makes you feel like a misfit?

Describe a time that you wanted to fit in but didn't.

[Link to learn more about Teddy.](#)

# **Good Play Guidelines**



# GOOD PLAY GUIDELINES

FUTURE OF WORK AT THE HUMAN-TECHNOLOGY FRONTIER

## RAISE ALL VOICES

### Who is contributing?



Don't dominate the conversation, deliberately make space for quieter participants to offer insights. Discussing new ideas is exciting! Let's foster enthusiasm while bringing others along to consciously elevate all voices.

## BE REAL

### Own your story.



The real value of collaboration occurs when we are our authentic selves. Fellow travelers offer perspective. Perspective offers moral realism. Moral realism offers a clear-eyed view of the challenges that lie before us and the work left to do.

## LISTEN DEEPLY

### Hear. Absorb. Internalize.



Deep listening requires hearing and absorbing without immediately critiquing and revising. Progress takes collective wisdom. Collective wisdom takes empathy. Empathy takes really getting what others are offering—their intentions, stories, desires and vision.

## EMBRACE UNCERTAINTY

### Say "I don't know" or "I don't understand."



We don't always know where we're going. That can be uncomfortable, but there are no ready-made answers. Embrace uncertainty and live at the limits of understanding. We achieve collective clarification through curiosity and conversation.

## PLAY!

### Creativity should feel good.



Embrace the fun! Remember that play generates joy and that joy helps to animate insight. So doodle, move, and stretch. Enjoy the playlist we all created together, and let the inspiration flow.

## EXERCISE IMAGINATION

### Imagination stretches the limits of you.



Imagination makes the invisible visible—including who we become when we create together. Imagination begins with openness and receptivity: a dynamic exchange between ourselves and our work. What work is imagination doing in and through us?

# Action-Oriented Next Steps

Remember, the last step of our design studio cycle is: **ACTIVATE!**

**Diverge, converge, activate!**

This section will be updated with notes to help remind you to activate the insights gained in the course of our design studio. We are interested in how you **embody and experiment with the beautiful “How Might We...” questions** that we arrive at as an output of the design studio.

## April 8th Invitation to Activate

[Saved transcript from our session together.](#)

[Saved chat from our session together.](#)

## Feb 25th Invitation to Activate

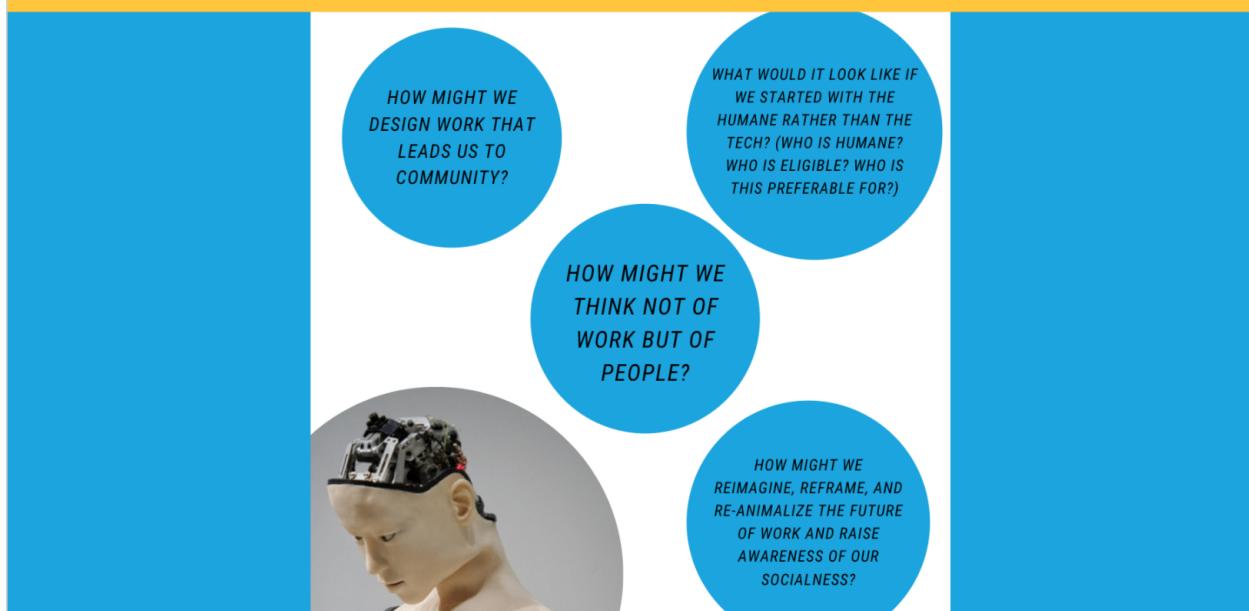
Record your findings here on your personalized slide:

[https://docs.google.com/presentation/d/1S88B-CzZL\\_9pcLa87mChiayt0bW14g9mC36i5vRrfQk/edit?usp=sharing](https://docs.google.com/presentation/d/1S88B-CzZL_9pcLa87mChiayt0bW14g9mC36i5vRrfQk/edit?usp=sharing)

# How to activate:

1. Choose one of the questions from our first Studio.
2. Carry your question with you. Put it on like a pair of glasses. Take stock of what you notice, how it changes what you see / feel / do.
3. Record what you learned.
4. If you want to take one step further, try out a micro-experiment of your own design.

## Our Beautiful Questions:



# Further examples:

We encourage you to try these questions on — like glasses that help you notice new things as you move through your day. For example ...

“How might we reimagine, reframe, and reanimate the future of work and raise awareness of our socialness?”

- Try building in movement exercises into your daily meetings.

“What would it look like if we started with the humane rather than the tech?”

- Pick up a piece of old technology and use it in place of your current equipment. How would you redesign your interaction with that tech to emphasize the humane rather than the tech?

“How might design work that leads us to community?”

- How would your sense of community change if for a few days you picked up the phone and called people instead of Zooming?

**What could you try? What did you notice, feel, learn?**

**Record your findings here:**

[https://docs.google.com/presentation/d/1S88B-CzZL\\_9pcLa87mCHiayt0bW14g9mC36i5vRrfQk/edit?usp=sharing](https://docs.google.com/presentation/d/1S88B-CzZL_9pcLa87mCHiayt0bW14g9mC36i5vRrfQk/edit?usp=sharing)

## Past Team Emails

The most recent emails to our cohort are linked here to view, on the off chance that your copy became lost in the digital abyss, or your inbox rudely ate them:

[April 8th Studio Prework and Profile Qs](#)

[April 8th Studio Reminders](#)

[Invitation to Activate](#)

[Prework and Collaborator Profile Questions](#)

[Initial Invitation to Join Our Cohort](#)

# What is a Design Studio

## WHAT IS A DESIGN STUDIO?



### Creative. Collective. Inspiring.

The design studio activates "human" expertise to generate beautiful questions. "How Might We..." questions inspiring enough that participants who frame them are excited to try it out in real life.

## WHO IS A DESIGN STUDIO FOR?



### Hosts. Facilitators. Humans.

The host is the subject area expert who helped craft this experience and will synthesize insights during the studio. Facilitators handle event logistics and flow to help all participants—Humans—engage fully in this co-creation exercise.

## HOW DO WE DO A "DESIGN STUDIO"?



### Diverge. Converge. Activate.

Design studios activate "multimodal thinking" that work best for creativity when separated and then purposefully integrated in a flow. It's like breathing but for the imagination: inhale, exhale, repeat. Diverge, converge, activate.

## WHY DESIGN STUDIO?



### Co-creative. Participatory. Action-oriented.

Our design studios are based on the principles of Co-Design and Participatory Action Research. The insights generated through these studios will provide the inputs and framing for the next in a co-creative, generative, participatory model.

# Rhythm of the Studio

## THE RHYTHM OF TODAY'S STUDIO:

### A note on multimodal thinking.



Our approach to thinking is mirrored in the three movements of the design studio. We will start with divergent thinking, move to convergent thinking, and activate those insights in our last movement.

### MOVEMENT #1: INSIGHT IDENTIFICATION

#### Independent. Aspirational. "Mess making."



Divergent thinking turns on the "faucet" of the mind. Be imaginative. Act without constraints, as if anything is possible. Seek quantity and exhaust all possibilities. Turn off judgment. Be generative and combinatorial. Build on each other's ideas. Wild and crazy are welcome!

### MOVEMENT #2: INSIGHT INTEGRATION

#### Collective. Grounded. "Meaning making."



Convergent thinking uses the "funnel" of the mind. Be analytical. Sort, cluster, and organize. Searching for themes, patterns, and essence. Seek quality in the representation of ideas. Less about "voting for one" and more about "describing the sum."

### MOVEMENT #3: INSIGHT ACTIVATION

#### Synthesize. Integrate. Move forward.



Activation is where insight moves from conceptual to personal, from theoretical to tangible, from vague to specific and intimate. The goal is to create beautiful questions, inspiring enough to motivate us to integrate them into their own lives.

## FAQs

You've got questions. We've probably got answers. Below are documents we've put together to help navigate founding theory of design studios, best practices, and prospective outcomes. We are happy to add to this section in future design studios--and your feedback is integral to that! So please feel free to suggest questions and topics.

### [Intro to Co-Design and Participatory Action Research](#)

#### **Accessibility Information**

Arizona State University is committed to providing universal access to all of our events. We are using Zoom and the Google Suite for these design studios. Please contact Erica O'Neil, [eloneil@asu.edu](mailto:eloneil@asu.edu), to request disability accommodations. Advance notice is necessary to arrange for some accessibility needs.