

HCDE OPEN HOUSE

June 7, 2019, 4–7 p.m.
Center for Urban Horticulture
UW Seattle Campus

#HCDEopenhouse



HUMAN CENTERED DESIGN & ENGINEERING
UNIVERSITY *of* WASHINGTON
College of Engineering

MS01**A Strategy Toolkit for Seattle Area Homeless Organizations**

Workshop activities designed to engage shelters in discussion and strategy development for solutions to complex problems.

Christopher "Kit" Collins,
Ross Abplanalp, Danny
Macdonald, Galen Lieberworth

BS02**Enhancing Expressions of Affection**

Bridging the gap between children and their faraway loved ones

Reine Abubakar, Leana Nakkour,
Betsy Todaro, Arsh Saroya

MS03**Fognet**

A mesh networking based toolkit for enabling mutual aid via peer to peer communication after a disaster

Eric Zelna, Josephine Hoy,
Dave Molinero, Evan Feenstra

BS04**UW Continuum College Learning Analytics Platform**

Learning analytics platform made for UW instructors to better education outcomes

Keristian Farra, Nathnael
Solomon, Samuel Spieth,
Tre Paolini

BS05**Amazon I Am**

A card game to enhance the security training culture

Kush Tekriwal, Emily Nuri,
Sanidhya Misra

MS06**Making an Approachable Museum**

Please don't touch the art

Jenna James, José Lara Silva,
Peter Cutler, Wamwitha Love

BS07**ORBIS (Operating Room Business Intelligence Software)**

A comprehensive health IT platform that helps providers visualize individual and group performance in real time

Mulki Mohamed, Feven Debela,
Maria Medina, Delannah Collins

MS08**Rewizit**

make the most out of your saved articles

Charlie Huo, Yi Tang, Ziyang Yang

BS09**Sempre**

Connect with Seattle through music history

Tariku Allen, Shangyang Chen,
Ruby Davis, Japjeet Singh Narang

BS10**Go Seattle**

Encouraging public transportation mobile ticketing usage among tourists in the Seattle Area

Madisen Arurang, Aylee Neff,
Michael Palomo, Scott Tan

MS11**Favorite Uber Driver**

An Uber experience created for you, by you

Rachael Cicero, Hyewon Son,
Vera Chen

BS12**Econsent Management System**

Digitizing a consent management system for Alzheimer's research

Daiana Kaplan, Madeleine Le,
Akshaya Venkat

MS13**Pulse.**

Monitor. Troubleshoot. Stay on top.

Mike Harwell, Greg Martin,
Jon Newth

BS14**hi Bonsai**

A new perspective on an old tradition

Natalie Chow, Laura Dickinson,
Maria Perla, Timothy Sun

MS15**Improving the Flight
Transferring Experience**

Connecting experiences from sky to sky

Sijin Chen, Yahui Ma,
Samantha West, Mandy Xu

BS16**Competency Assessment
Tool**

Reach the Next Level in Your Career

Nathan Han, Jang Soo Lim,
Monica Posluszny, Helene Shea

BS17**Improving Efficiency of
Anesthesiologists through
App Redesign**

Prepare for Better Care

Amanda Shen, Angela Li Shou,
Mimi Peach, Steven Yong

MS18**Snap Stax**

Helping nonprofit staff connect with their clients

Kathryn Brookshier, Nitya
Nambisan, Tucker Standlee,
Tyson Zevenbergen

BS19**Changeit**

Be the pilot of your change experience

Timnit Bekele, Aleenah Ansari,
Ruotong Melody Xu,
Carina Dempsey

MS20**Vooley**

Better understand and take charge of your mental health through recommendations and insights based on patterns in your dialogue

Haley Rohl, Ben Galassi,
Blake Tsuaki, Juliette Weiss

BS21**Steam Store Redesign**

Valve's digital distribution gaming platform, Steam, is redesigned and modernized for optimum user experience

Connor Garrett, Wendy
Kang, Nikita Morozov, Colin
Youngblood

BS22**Charged**

An electric future

Rachel Ren, Megan Truong, Ben
Wagner-Wilkins, Maike Wells

MS23**Building Care**

Positive distraction from life with cancer

Alice Lin, Anthony Ugas, Hannah
Nursalim, Sonnet Lauberth

BS24**Impact 360 Collaboration
Platform**

Bridging the gap between research and practice to support natural hazard solutions

Connor Aylor, Jonathan Cole,
Daniel Kim, Wesley Muthemba

BS25**Virginia Mason Know Me
Tool**

Creating a 'Know Me' tool to better the relationship between patients and health care providers

Cheyenne Sökkappa,
Courtney McKee, Reksha
Rathnam, Sahana Vishwanath

MS26**Designing for Trust**

Kimberly Dziubinski

BS27**Project Elios**

Elios aims to create a more equitable, responsible, engaged community in which people come together to solve the wicked problems our society faces.
Khang Lee, Lynda Nguyen, Jonathan Tran

BS28**WWW (Wave Wear Website)**

Expanding user base with localized website redesign
Alaa Amed, Caleb GS Park, Jingle Huang

MS29**Surfboard**

A digital message board for retirement home residents that improves daily lives and social interactions
Kairavi Chahal, Samantha Muscat-Scherr, Sandra Rathman

BS30**Plectica Perspective Mapping**

Innovate your diagrams with perspectives
Asuka Takano, Melody Yu, Garrett Mar, Jamie Heeyun Byun

BS31**The Next Generation of ORCA**

Reimagining Seattle Public Transportation
Sierramatice Karras, Zach Thomas, Zoe Escalona, Ryan Zuzelski

MS32**From Strangers to Partners: The Relationship Between Gestational Surrogates and Intended Parents**

An exploration of intimacy and communication in distance-separated surrogacy partnerships
Jen Rapp, Kate Schenot, Nicole VanMeter

BS33**Nordstrom Find In-Store**

Shop with confidence
Stefanie Choi, Kotoko Yamada, Kaitlyn He, Inhae Kim

INTERDISCIPLINARY CAPSTONE TEAM

The College of Engineering's Industry Capstone Program brings UW students across Engineering programs together with organizations to tackle real-world, multidisciplinary engineering problems.

Seattle Area Incident Avoidance

A notification tool to inform users and provide actionable recommendations for commuting during an incident causing major roadway delays in the Seattle area

Pari Gabriel (HCDE), Yuki Asakura (HCDE), Steven Tuttle (Civil & Environmental Engineering), Catherine Wang (Civil & Environmental Engineering), Anny Kong (Computer Science & Engineering), Chris Angkico (Communications)