

Sky LaRell Anderson, Ph.D.

Curriculum Vitae

Assistant Professor of Digital Media Arts

Department of Emerging Media
skyanderson@stthomas.edu | Cell 801-228-8936

University of St. Thomas

2115 Summit Ave | St. Paul, MN 55105

EDUCATION

- 2016 Ph.D., Communication Studies, University of Minnesota.
- 2012 M.A., Communication Studies, Colorado State University.
- 2010 B.A., Communication Studies, Utah State University.

PROFESSIONAL APPOINTMENTS

- 2020-present Assistant Professor of Digital Media Arts
 Department of Emerging Media
 University of St. Thomas
 St. Paul, Minnesota, USA
- 2019-2020 Visiting Assistant Professor of Emerging Media
 Media Arts and Culture Department
 Occidental College
 Los Angeles, California, USA
- 2016-2019 Visiting Assistant Professor
 Department of Communication
 Denison University
 Granville, Ohio, USA

PUBLICATIONS

Books

- 2023 [Under Contract] *Ability Machines: What Video Games Mean for Disability*
 (undergoing final revisions for publication)

Refereed Journal Articles

- 2022 Sky LaRell Anderson and Mark R. Johnson, "Gamer Identities in Video Game Live Streamers with Disabilities." *Information, Communication and Society* 25.13 (2022): 1900-1915. <https://doi.org/10.1080/1369118X.2021.1907433>
- 2022 Sky LaRell Anderson and Mark R. Johnson, "Cultivation Play: Video Games and the Labor of Character Progression." *Journal of Gaming and Virtual Worlds* 13.3 (2022): 233-248. https://doi.org/10.1386/jgvw_00040_1. **[Lead Article]**
- 2022 Sky LaRell Anderson and Stephanie Orme, "Mental Health, Illness, Crunch, and Burnout: Discourses in Video Games Culture." HICSS-55, Proceedings of the 55th Hawaii International Conference on System Sciences (2022). <http://hdl.handle.net/10125/71176>
- 2021 Mark Brown and Sky LaRell Anderson, "Designing for Disability: Evaluating the State of Accessibility Design in Video Games." *Games and Culture* 16.6 (2021). <https://doi.org/10.1177/1555412020971500> **[Most Views/Downloads in the Issue]**
- 2021 Sky LaRell Anderson and Karen (Kat) Schrier, "Disability and Video Games Journalism: A Discourse Analysis of Accessibility and Gaming Culture." *Games and Culture* (2021). <https://doi.org/10.1177/15554120211021005>
- 2020 Sky LaRell Anderson, "Portraying Mental Illness in Video Games: Exploratory Case Studies for Improving Interactive Depictions." *Loading: The Journal of the Canadian Game Studies Association* 13.21 (2020): 20-33. <https://journals.sfu.ca/loading/index.php/loading/article/view/277>
- 2019 Sky LaRell Anderson, "Crafting Courses as Game Spaces: Examining Video Games Classes in Communication," *Communication Studies* 70.3 (2019): 277-294. <https://doi.org/10.1080/10510974.2018.1539022>.
- 2019 Sky LaRell Anderson, "The Interactive Museum: Video Games as History Lessons through Lore and Affective Design," *E-Learning and Digital Media* 16.3 (2019): 177-195. <https://doi.org/10.1177/2042753019834957>. **[Lead Article]**
- 2019 Sky LaRell Anderson, "Touchscreen Travelers: Hands, Bodies, Agency, and Mobile Game Players," *Convergence* 25.1, special issue on "Haptic Play" (2019): 77-94. <https://doi.org/10.1177/1354856518807403>.
- 2018 Sky LaRell Anderson, "Extraludic Narratives: Online Communities and Video Games," *Transformative Works and Cultures* 28, **special 10th anniversary issue**, "The Future of Fandom" (2018). <https://doi.org/10.3983/twc.2018.1255>.

- 2017 Sky LaRell Anderson, "Watching People Is Not a Game: Interactive Online Corporeality, Twitch.tv and Videogame Streams," *Game Studies* 17.1 (2017): <http://gamestudies.org/1701/articles/anderson>.
- 2017 Sky LaRell Anderson, "The Corporeal Turn: At the Intersection of Rhetoric, Bodies, and Video Games," *Review of Communication* 17.1 (2017): 18-36. <https://doi.org/10.1080/15358593.2016.1260762>. **[Most Article Views/Downloads in the Issue]**
- 2016 Sky LaRell Anderson, "Turning Pixels into People: Procedural Embodiedness and the Aesthetics of Third-Person Character Corporeality," *Journal of Games Criticism* 3.2 (2016), <http://gamescriticism.org/articles/anderson-3-2>.
- 2014 Sky LaRell Anderson, "Start, Select, Continue: The Ludic Anxiety in Video Game Scholarship," *Review of Communication* 13.4 (2014): 290-301. <https://doi.org/10.1080/15358593.2014.886333>.
- 2013 Sky L. Anderson, "Pleasure in LIMBO: A Video Essay," *Itineration: Cross-Disciplinary Studies in Rhetoric, Media, and Culture* (2013). <https://vimeo.com/73589601> and <https://vimeo.com/76808685>. **[Lead Article]**
- 2010 Matthew L. Sanders and Sky L. Anderson. "The Dilemma of Grades: Reconciling Disappointing Grades with Feelings of Personal Success." *Qualitative Research Reports in Communication*, 11.1 (2010): 51-56. <https://doi.org/10.1080/17459430903515228>.

Book Chapters

- 2020 Sky LaRell Anderson, "Wii Play the Game like U: Gameplay-Oriented Analysis and Games Criticism On/Off the Screen," in *What Is A Game: Essays on the Nature of Videogames*, ed. Gaines S. Hubbell (Jefferson, NC: McFarland, 2020).
- 2019 Sky LaRell Anderson, "The Evolution of Trust," in *Learning, Education, & Games Volume 3: 100 Games to Use in the Classroom and Beyond*, ed. Karen Schrier (Pittsburgh, PA: ETC Press, 2019).
- 2019 Sky LaRell Anderson, "Loneliness," in *Learning, Education, & Games Volume 3: 100 Games to Use in the Classroom and Beyond*, ed. Karen Schrier (Pittsburgh, PA: ETC Press, 2019).

CONFERENCE ACTIVITY

Competitively Selected Papers Presented

- 2020 Mark Brown and Sky LaRell Anderson, "Designing for Disability: Evaluating the State of Accessibility Design in Video Games." Game Studies Pre-Conference,

National Communication Association Conference, November 11, 2020. [**Award: Most Engagement**]

- 2020 Sky LaRell Anderson, “Mental Health and Illness in Video Game Culture: Discourses in Games Journalism,” National Communication Association Conference, November 19-22, 2020. Indianapolis, IN.
- 2020 Sky LaRell Anderson, “In Defense of Empathy Games: An Autoethnography on Reparative Video Games, Voice, and Community,” National Communication Association Conference, November 19-22, 2020. Indianapolis, IN.
- 2019 Sky LaRell Anderson and Karen Schrier, “Disability and Accessibility in Video Game Culture: A Discourse Analysis of Games Journalism,” National Communication Association Conference, November 14-17, 2019. Baltimore, MD. [**Top Paper - Game Studies Division**]
- 2019 Sky LaRell Anderson, “Streaming Disability: Video Game Streamers with Disabilities and Gamer Identity,” National Communication Association Conference, November 14-17, 2019. Baltimore, MD.
- 2018 Sky LaRell Anderson and Mark R. Johnson, “Toward a Theory of Cultivation Play: Character Progression Work in Video Games as Autonomy, Engagement, and Praxis,” National Communication Association Conference, November 8-11, 2018. Salt Lake City, UT. [**Top Paper – Game Studies Division**]
- 2018 Sky LaRell Anderson, “Imaging Distrust in the American Way: Billboards, Posters, and Architecture in Fallout 3,” National Communication Association Conference, November 8-11, 2018. Salt Lake City, UT.
- 2018 Sky LaRell Anderson, “The Interactive Museum: Video Games as History Lessons through Lore and Affective Design,” Popular Culture Association / American Culture Association National Conference, March 28-31, 2018. Indianapolis, IN.
- 2017 Sky LaRell Anderson, “Crafting College Courses as Game Spaces: Changing Video Games Classes in Higher Education,” National Communication Association Conference, presented November 16-19, 2017. Dallas, TX.
- 2017 Sky LaRell Anderson, “Gather ‘Round the Bonfire: Fantasy Themes and Extraludic Narratives,” Western States Communication Association, presented February 18-21, 2017. Salt Lake City, UT.
- 2017 Sky LaRell Anderson, “I Will Travel across the Land: Pokémon Go and Mobile Gaming’s Spatial Agency,” Western States Communication Association, presented February 18-21, 2017. Salt Lake City, UT.

- 2016 Sky LaRell Anderson, "Exercise Games as Calls to Physical Action: Hardware, Interaction, and Audiovisual Design," Game Studies Pre-Conference, National Communication Association, November 9, 2016. Philadelphia, PA.
- 2016 Sky LaRell Anderson, "Touchscreen Time Travelers: Space, Time, and Mobile Gaming Bodies," National Communication Association Conference, November 10-13, 2016. Philadelphia, PA.
- 2016 Sky LaRell Anderson, "Watching People Is Not a Game: Corporeal Awareness and Video Game Streams," Rhetoric Society of America Conference, May 27-29, 2016. Atlanta, GA.
- 2016 Sky LaRell Anderson, "Turning Pixels into People: Third-Person Bodies and the Aesthetics of Corporeality," Rhetoric Society of America Conference, May 27-29, 2016. Atlanta, GA.
- 2015 Sky LaRell Anderson, "Touring @ 1600 Pennsylvania Avenue: The White House Virtual Tour and Rhetorics of Digital Authority," National Communication Association Conference, November 19-22, 2015. Las Vegas, NV.
- 2015 Sky LaRell Anderson, "Enjoyment in LIMBO: Repurposing the Enthymeme for Pleasure in Video Games," International Communication Association Conference, May 21-25, 2015. San Juan, PR.
- 2014 Sky LaRell Anderson, "Keeping It Corporeal: Video Game Bodies," Doing Rhetoric at the U Conference, September 2014. Minneapolis, MN.
- 2014 Sky LaRell Anderson, "Level Up, Hit Continue: The Ludic Anxiety in Video Game Scholarship," Rhetoric Society of America 2014 Conference, May 22-16, 2014. San Antonio, TX.
- 2014 Sky LaRell Anderson, "Future Is as Future Does: Contradicting Corporate Culture in Burroughs' 1980s Mediascape," Central States Communication Association Convention, 2-6 April 2014. Minneapolis, MN.
- 2014 Sky LaRell Anderson, "Are you Ready, Kids? Un-defining the Paratext in Cartoon Title Sequences," Central States Communication Association Convention, 2-6 April 2014. Minneapolis, MN.
- 2013 Sky LaRell Anderson, "Violence Remains: Christianity and Post-Apocalyptic Rhetoric in The Book of Eli," National Communication Association Convention, November 21-24, 2013. Washington D.C.
- 2013 Sky LaRell Anderson, "Video Games and Visual Rhetoric: A Case Study," Doing Rhetoric at the U Conference, April 27, 2013. Minneapolis, MN.

- 2013 Sky LaRell Anderson, "Mitigating Offense with Ridicule in South Park Episode 712: 'All About the Mormons,'" Central States Communication Association Convention, April 2-7, 2013. Kansas City, MO.
- 2012 Sky LaRell Anderson, "Surgeries, Sex, and Suckers: 'Grey's Anatomy' and an Experiment in Taste," National Communication Association Convention, November 15-18, 2012. Orlando, FL.
- 2012 Sky LaRell Anderson, "Girl Talk, 'Entre Mujeres,' and the Public Sphere: Creating the Modern Woman in a Honduran Talk Show," Western States Communication Association Convention, February 17-21, 2012.
- 2012 Sky LaRell Anderson, "Strings and Magnets: The Rhetoric of Role Construction in Mitt Romney's 'Faith in America' Address," Western States Communication Association Convention, February 17-21, 2012. Albuquerque, NM.
- 2011 Sky LaRell Anderson, "Separating the Mormon from the Politician: A Neo-Aristotelian Critique of Mitt Romney's 'Faith in America' Speech," National Communication Association Convention, November 17-20, 2011. New Orleans, LA. **[Top Student Debut Paper - Rhetorical Studies, Religious Communication Association]**
- 2011 Sky LaRell Anderson, "The Many and the Machine: YouTube as a Site for Cydentification," National Communication Association Convention, November 17-20, 2011. New Orleans, LA.
- 2011 Sky LaRell Anderson, "Veils, Cigarettes, and YouTube Videos: The History and (Online) Relevance of Ideographic Scholarship," Rocky Mountain Communication Association Conference, April 16, 2011. Loveland, CO.
- 2011 Sky LaRell Anderson, "The Pixar Dream Works: DVD Special Features and the Conflict between Character and Star," Rocky Mountain Communication Association Conference, April 16, 2011. Loveland, CO.
- 2011 Sky LaRell Anderson, "The Dilemma of Visual Ideographs: The Universal Declaration of Human Rights Animation," Western States Communication Association Convention, February 18-22, 2011. Monterey, CA. **[Top Paper and Top Debut Paper - Media Studies Interest Group]**

Other Conference Participation

- 2018 Panelist. "We're Not Just Playing: Using Game-based Pedagogy to Enhance Experiential Learning in the Communication Classroom." National Communication Association Conference, November 8-11, 2018. Salt Lake City, UT.

- 2013 Panelist. "Reports from the Archives: MIMS Research in Minnesota Film and Media History," Moving Images Studies Minor Graduate Group, University of Minnesota, April 19, 2013.
- 2012 Panelist. "Creating COMMunity from a Cohort: How GTAs/GTIs/RAs (and Faculty) COMMunicate and Connect." National Communication Association 2012 Convention, Orlando, FL. 15-18 November 2012.
- 2011 Panelist. "Horton Heard a Who, Can You? Voices from GTAs on Teaching Practices in the Basic Course." National Communication Association 2011 Convention, New Orleans, LA. 17-20 November 2011.

INVITED TALKS

- 2021 "Accessibility in Games," invited talk for Casa Con 2021. December 17, 2021.
- 2018 "Learning from Games: The Interactive Museum and Tangential Learning," invited talk for the Honors College at Arizona State University, April 13, 2018.
- 2016 **Keynote Address:** "Players and Characters: The Role of Bodies in Gaming," PLAY: Creative Gaming Festival Conference, Hamburg, Germany, November 3, 2016.

CAMPUS TALKS

- 2023 "Social Media and U.S. News: Misinformation, Clickbait, and Memes." Presentation for the World Press Institute. University of St. Thomas. March 7, 2023.
- 2022 "Social Media, Fake News, and Hacking Elections." Presentation for the World Press Institute. University of St. Thomas. April 1, 2022.
- 2018 "The Labor of Playing Video Games: How Playing Video Games Functions as a Form of Work." Tuesday Lunch Series Presentation. Denison University. October 3, 2018.
- 2017 **Keynote Address:** "Video Games: The Meanings found in Learning, Playing, and Making," DenCon 2017, Denison University Gaming Guild.
- 2016 "The Role of Bodies in Gaming," Department of Communication Colloquium. Denison University. December 7, 2016.
- 2015 Invited respondent to University viewing party of the Republican Presidential debate, September 16, 2015.

- 2014 “Video Game Bodies,” Video Games in Teaching and Research, Digital Arts Sciences and Humanities Event, University of Minnesota, September 24, 2014.
- 2013 “Video Game Origins: From Technology to Complicity,” Invited talk at the re-opening of the Northrop building at the University of Minnesota, April 8, 2013.

AWARDS, HONORS, GRANTS, AND FELLOWSHIPS

- 2022 Best Track Paper Award finalist. HICSS-55. Sky LaRell Anderson and Stephanie Orme, “Mental Health, Illness, Crunch, and Burnout: Discourses in Video Games Culture.”
- 2022 \$5,800. Research Grant. University of St. Thomas. Grant taken in the form of a course release for spring 2022.
- 2021 Best Academic Research Award finalist at the Can I Play That? Accessibility Awards 2021. Nominated article: “Disability and Video Games Journalism: A Discourse Analysis of Accessibility and Gaming Culture.”
- 2020 Most Engagement Award. For a paper presented at the Game Studies Pre-Conference for the National Communication Association. November 18, 2020.
- 2020 \$1,000. Mellon Arts Teaching Stipend. For course development of an Independent Game Design class in conjunction with Computer Science at Occidental College.
- 2020 \$8,500. Mellon Arts Technology Grant. For course development, technology, and software to develop two linked courses about game design at Occidental College.
- 2019 Top Paper Award. Game Studies Division of the National Communication Association: Sky LaRell Anderson and Karen Schrier, “Disability and Accessibility in Video Game Culture: A Discourse Analysis of Games Journalism.”
- 2018 Top Paper Award. Game Studies Division of the National Communication Association: Sky LaRell Anderson and Mark R. Johnson, “Toward a Theory of Cultivation Play: Character Progression Work in Video Games as Autonomy, Engagement, and Praxis.”
- 2016 \$4,500. Fellowship. Ernest Bormann Fellowship. To fund research on Symbolic Convergence Theory and video game communities. Department of Communication Studies. University of Minnesota.

- 2015 \$4,000. Fellowship. Graduate Fellowship. College of Liberal Arts and Department of Communication Studies. University of Minnesota.
- 2014 \$500. Grant. PhD Dissertation Research Grant. Department of Communication Studies. University of Minnesota.
- 2014 Award. Graduate Student Scholar Award. Department of Communication Studies at the University of Minnesota. Given in recognition of excellence in graduate scholarship.
- 2012 Award. Gordon F. Hostettler Award. Department of Communication Studies. Colorado State University. \$1500. Awarded in recognition of excellence in graduate research, academic progress, and coursework in Communication Studies. Given to up to two second-year M.A. students per year.
- 2011 \$1,000. Award. James Irvine Award. Department of Communication Studies. Colorado State University. Given to one M.A. student in recognition of excellence and academic progress during the first year.
- 2010 \$850. Grant. Graduate Student Fellowship Grant. Department of Communication Studies. Colorado State University.
- 2010 Award. Communication Studies Student of the Year. College of Humanities, Arts, and Social Sciences. Utah State University.
- 2009 \$200. Scholarship. Harold Kinzer Speech Communication Scholarship. Department of Languages, Philosophy, and Communication Studies. Utah State University.
- 2008 Scholarship. Dean's Transfer Academic Scholarship. Utah State University. Full tuition waiver until graduation in 2010.
- 2008 Award. Snow College Student Citizenship Award. Snow College.
- 2004, 2007 Scholarship. Presidential Academic Scholarship. Snow College.

TEACHING EXPERIENCE

University of St. Thomas

Game Design
 Visual Media Theory and Practice
 Intro. to Mass Media
 Intro. to Film Studies

Occidental College

Game Design Workshop
 Digital Media and Culture
 Media and Your Body
 Social Media Practice
 Game Studies and Culture

Denison University

Game Studies
 Digital Tech and Cultural Change
 New Literacy Lab
 Digital Media: Rhetorical Texts
 Persuasive Games
 Visual Media
 Public Address

University of Minnesota

Digital Games, Sims, and Apps
 Media Literacy
 Rhetorical Theory [teaching assistant]
 Analysis of Argument
 Public Speaking
 Communication Theory [teaching assistant]
 Intercultural Communication [teaching assistant]

Colorado State University

Evaluating Contemporary Film [teaching assistant]
 Public Speaking

TRANSLATIONAL RESEARCH

Games Designed and Published

2023	Writing Conclusions Is Easy (Platform: HTML5 web). Available at skylarell.net .
2021	Amelia Is Hungry (Platform: Windows PC). Available at skylarell.net .
2021	XXMormon (Platform: HTML5 web). Available at skylarell.net .
2018	D.Personal (Platform: HTML5 web). Available at skylarell.net .
2018	Lost Him (Platform: HTML5 web). Available at skylarell.net .

- 2018 Blocky: The Wizard, Vol. X (Platform: HTML5 web). Available at skylarell.net.
- 2017 Fetch Quest: The Tiniest RPG (Platform: HTML5 web). Available at skylarell.net.
- 2017 Stranger.01 (Platform: Windows PC). Available at skylarell.net.
- 2016 ENTR.MAIN.LOOP. (Platform: HTML5 web). Available at skylarell.net.
- 2016 Anybody Else (Platform: Windows PC). Available at skylarell.net.
- 2014 Not Alone (Platform: HTML5 web). Available at skylarell.net.

Other Publications

- 2019 *In Media Res*, theme week: Disney Live-Action Remakes, “An IMR Exclusive Interview with Disney Producer Brigham Taylor,” December 2, 2019.
<http://mediacommons.org/imr/content/imr-exclusive-interview-disney-producer-brigham-taylor>
- 2019 *In Media Res*, theme week: Disability Media, “‘I Do Things That People with Hands Can’t Even Do’: Streaming Disability and Video Games,” October 11, 2019. <http://mediacommons.org/imr/content/%E2%80%9Ci-do-things-people-hands-can%E2%80%99t-even-do%E2%80%9D-streaming-disability-and-video-games>
- 2019 *In Media Res*, theme week: Netflix Comedy Specials, “‘Everything Is Funny till It Happens to You’: Dave Chappelle, Transgender Jokes, and Binging Multiple Comedy Specials,” April 26, 2019.
<http://mediacommons.org/imr/content/%E2%80%9Ceverything-funny-till-it-happens-you%E2%80%9D-dave-chappelle-transgender-jokes-and-binging-multiple>
- 2018 *In Media Res*, theme week: Indie Games, “Dys4ia: Free Web Games Bring Intimacy and Subversion Back to Indie Games,” September 7, 2018.
<http://mediacommons.org/imr/content/dysia4-free-web-games-bring-intimacy-and-subverion-back-indie-games>
- 2017 *In Media Res*, theme week: Moral Media, “Valiant Hearts: Addressing the Moral Dilemma of Historical War Video Games,” May 19, 2017.
<http://mediacommons.org/imr/2017/05/10/valiant-hearts-addressing-moral-dilemma-historical-war-video-games>

SERVICE TO PROFESSION

- 2023 Chair of the Game Studies Division of the National Communication Association
- Journal Reviewer: *Games and Culture*
 Journal Reviewer: *Critical Studies in Mediated Communication*
 Paper Reviewer: CHI PLAY 2023
- 2022 Vice Chair of the Game Studies Division of the National Communication Association
- Journal Reviewer: *Games and Culture*
 Journal Reviewer: *Convergence*
 Journal Reviewer: *Transformative Works and Cultures*
- 2021 Vice Chair-elect of the Game Studies Division of the National Communication Association
- Journal Reviewer: *HICSS '22: Hawaii International Conference on System Sciences.*
- 2020 Journal Reviewer: *New Media & Society*
Review of Communication
Communication and Critical/Cultural Studies
Loading
- Conference Reviewer: Game Studies Division of the National Communication Association
- 2019 Journal Reviewer: *Communication Studies* journal.
- Conference Reviewer: Game Studies Division of the National Communication Association
- 2018 Journal Reviewer: *JCMS (formerly Cinema Journal).*
HICSS '52: Hawaii International Conference on System Sciences.
Information, Communication and Society
- Conference Reviewer: Game Studies Division of the National Communication Association
- 2015 Journal Reviewer. *Games and Culture*
- 2014 Member of Organizing Committee. Doing Rhetoric at the U Conference, University of Minnesota, September, 2014.

- 2013 Member of Organizing Committee. Doing Rhetoric at the U Conference, University of Minnesota, May 2013.
- 2013-2014 Co-chair. University of Minnesota Student Chapter of the Rhetoric Society of America. Founding member and organizer of chapter events, such as rhetoric discussion salons.

DEPARTMENTAL AND UNIVERSITY SERVICE

Curriculum Committee – Department of Emerging Media, University of St. Thomas
 Faculty Senate Secretary – Spring 2022, University of St. Thomas

PROFESSIONAL AFFILIATIONS

2012-present National Communication Association.

REFERENCES

Peter Gregg, Ph.D., Program Director of Digital Media Arts and Associate Professor
 Department of Emerging Media
 University of St. Thomas
 612.920.7349
 pgregg@stthomas.edu

Jeff Kurtz, Ph.D., Associate Professor, Director for the Center for Learning and Teaching
 Department of Communication
 Denison University
 P.O. Box 810
 Granville, OH 43023-0810
 740.405.8040
 Kurtz@denison.edu

Ronald Greene, Ph.D., Professor
 Department of Communication Studies
 University of Minnesota
 225 Ford Hall
 224 Church St SE
 Minneapolis, MN 55455
 612.226.0401
 Green179@umn.edu

John Logie, Ph.D., Associate Professor in Writing Studies
 Department of Writing Studies
 University of Minnesota

Room 206 NCCE
315 Pillsbury Dr SE
Minneapolis, MN 55455
612.963.4225
Logie@umn.edu