**Curriculum Vitæ for Dr. Katherine Deibel**

**E-mail:** [katherine.deibel@gmail.com](mailto:katherine.deibel@gmail.com)

**Office:** (315) 443-7178

**Cell:** (206) 854-1211

**Github:** <https://github.com/metageeky> **Mailing Address:**

Syracuse University Libraries

222 Waverly Avenue

Syracuse NY 13244

# Education

**Masters in Library and Information Sciences 2017 – current**

Syracuse University, Syracuse, NY

**Ph.D. in Computer Science & Engineering 2007 – 2011**

University of Washington, Seattle, WA

Topic: *Understanding and Supporting the Adoption of Assistive Technologies by Adults with Reading Disabilities* (available at <http://hdl.handle.net/1773/16349>)

Advisors: Dr. Alan Borning (Computer Science & Engineering)  
Dr. John D. Bransford (Education)

**Generals Exam (candidacy) in Computer Science & Engineering 2003 – 2007**

University of Washington, Seattle, WA

Topic: *Adoption of Assistive Technologies for Reading Disabilities: Cultural, Literacy, and Technological Aspects*

Advisors: Dr. Alan Borning (Computer Science & Engineering)

Dr. John D. Bransford (Education)

**M.S. in Computer Science & Engineering 2001 – 2003**

University of Washington, Seattle, WA

Topic: *Contrail Filtering: A Mechanism for Efficient and Robust Activity Recognition*

Advisor: Dr. Henry Kautz (Computer Science & Engineering)

**B.S. in Computer Science and Mathematics**, *Summa Cum Laude* **1997 – 2001**

Butler University, Indianapolis, IN

**Budapest Semesters in Mathematics Program 1999 Autumn**

Budapest, Hungary

# Professional Experience

**Inclusion & Accessibility Librarian 2017 Oct – current**

Syracuse University Libraries, Syracuse University, Syracuse, NY

Critical leader for fostering an inclusive, accessible and welcoming library culture for patrons and staff. Efforts and responsibilities have included:

* Coordinating accessibility evaluations of all information technology purchases to meet WCAG or Section 508 standards
* Evaluating and advising remediation of Library web content, including HTML, JavaScript, CSS, ARIA, PDFs, forms, etc. for accessibility standards
* Conducting, and evaluating staff trainings on inclusion and accessibility topics
* Overseeing the Assistive Technology space in Bird Library
* Assisting and refining the Alternate Format Service to provide accessible texts
* Consultations with other libraries and vendors on disability access issues
* Teaching about accessibility remediations, assistive technologies, and inclusive practices
* Serving on various university committees related to diversity and/or accessibility
* Directed Libraries’ response to a federal accessibility complaint against the University

**Web Applications Specialist/Senior Computer Specialist (2014 Jul – 2017 Sep)**

Information Technology Services & Digital Strategies

University of Washington Libraries, University of Washington, Seattle, WA

Developer and administrator on various library software and systems with a focus on front-end and UI/UX development. Projects and responsibilities have included:

* Branding and usability improvements to the online catalog (Primo/Alma)
* Management of various aspects of the online catalog (Primo/Alma)
* Developing Django web applications and REST services
* Development on digital repository projects (DSPACE and Samvera/Hyrax)
* Scripting support for various library services (e.g., EZProxy)
* Accessibility evaluations and support of library technologies
* Advising WCAG fixes for Library web content
* Consultations with other libraries and vendors on disability access issues

**Research Consultant 2012 Jan – 2014 Jun**

**Research Scientist 2011 Jan – 2011 Dec**

**Graduate Research Assistant 2007 Jan – 2010 Dec**

Center for Engineering Learning & Teaching (CELT)

College of Engineering, University of Washington, Seattle, WA

Consultant for statistical analyses, experimental methodology, information visualization, and computer technologies. Prepared research papers for publication. Oversaw data management and analysis procedures of qualitative and quantitative data. Managed and developed software related to research tasks. Helped create, manage, and present guest lectures, faculty workshops, and research to practice activities. Supervised undergraduate research assistants. Supervised by Dr. Cynthia J. Atman and Dr. Jim Borgford-Parnell.

**Instructor** **2012 Jun – 2012 Aug**

*CSE 332 Data Abstractions*

University of Washington, Seattle, WA

Lecturer for 19 students in an advanced programming course on data structures and introductory parallelism. Students consisted primarily of Computer Science, Computer Engineering, and other engineering majors from both University of Washington and students visiting from other schools. Responsibilities included development of lecture materials, homework assignments, exams, grading criteria. Supervised sections taught by one teaching assistant.

**Instructor** **2012 Jan – 2012 Jun**

*CSE/INFO 100 Computer Fluency*

University of Washington, Seattle, WA

Lecturer for ≈150 students per term (2 quarters) about the effective use of information technology, including databases, spreadsheets, web design, and social impacts. Students represented a range of majors including various sciences and humanities, as well as undecided. Encouraged student participation through clickers and discussion forums. Responsibilities included development of lecture materials, classroom and lab activities, projects and assignments, and academic counseling of students interested in pursuing IT-related majors. Supervised labs and sections taught by four teaching assistants.

**Statistical Consultant 2011 Dec – 2012 Jun**

Brazil Non-Instrumental Computer Use Study

Department of Human Centered Design & Engineering, College of Engineering, University of Washington, Seattle, WA

Performed statistical analyses and provided visualizations and writeups of those analyses for data collected for a project investigating how non-work computer activities (e.g., gaming) by people in developing countries may lead to skills for improving one’s employment and education opportunities. Contributed to reports and scholarly publications. Funded by Canada’s International Development Research Centre (IRDC). Supervised by Dr. Beth Kolko.

**Practical Pedagogy Research 2007 Dec – 2009 Dec**

University of Washington, Seattle, WA

Interdisciplinary collaboration with UW graduate students, Sarah Read (English) and Tim Wright (History), on teaching students to be better consumers of information from the World Wide Web. Developed Q6C process model to support instructors in designing learning activities for fostering critical information skills in students.

**ITiCSE Working Group 2007 Mar – 2007 Sep**

*A Multi-Perspective Digital Library to Facilitate Integrating Teaching Research Methods Across the Computing Curriculum*

2007 Conference on Innovation & Technology in Computer Science Education

Dundee, Scotland, UK

Discussed the development of a digital library for facilitating the teaching of research methods in computer science courses. Proposed creation of personas to support identifying and addressing the concerns and needs of different stakeholder groups. Helped design a persona poster to collect insights from conference attendees. Working group led by Dr. Hilary Holz and Dr. Anne Applin.

**Graduate Research Assistant 2003 Feb – 2005 Jul**

Education & Technology Group

Department of Computer Science & Engineering, University of Washington, Seattle, WA

Conducted card sort studies of novice and expert programmers as part of the multinational Bootstrapping Project (Funded by National Science Foundation Grant No. DUE-0122560). Used the notion of edit distance to develop new methods for analyzing card sort data. Developed software to support new analysis techniques. Supervised by Dr. Richard Anderson.

**Graduate Research Assistant 2003 Feb – 2004 Apr**

Education and Technology Group

Department of Computer Science & Engineering, University of Washington, Seattle, WA

Developed classroom assessment tools for introductory computing courses and proposed

approaches for integration with the Classroom Presenter system. Funded by National Science Foundation Grant No. 0229908. Supervised by Dr. Richard Anderson.

**Freelance Writer 2003 Oct – 2003 Dec**

Thomson-Learning, Boston, MA

Authored programming solution files for the math/computer science textbook *Discrete*

*Mathematical Structures* (ISBN: 0-619-21285-3) by D. Malik.

**Graduate Research Assistant 2002 Jun – 2003 May**

Assisted Cognition Project

Department of Computer Science & Engineering, University of Washington, Seattle, WA

Designed a Dynamic Bayesian Network for use in a sensored environment to track the daily activities of people with Alzheimer’s disease. Supervised by Dr. Henry Kautz and Dr. Dieter Fox.

**Graduate Teaching Assistant** **2005 Jun – 2006 Dec**, **2001 Sep – 2002 Jun**

Department of Computer Science & Engineering, University of Washington, Seattle, WA

Served as a teaching assistant for nine computer science courses ranging across introductory (100-level), for-major (300-level), non-major, and Professional Masters courses. Duties and activities have included:

* Development of assignments and grading policies
* Grading of assignments and exams
* Planning and leading weekly discussion sections
* Guest lecturing upon instructors’ request
* Course management of online services (e.g., wikis and discussion boards)
* Coordination of undergraduate teaching assistants
* Managing and leading exam review sessions

**Network Programmer 2001 May – 2001 Aug**

Information Resources, Butler University, Indianapolis, IN

Developed several network applications for use at Butler University including: an automatic online registration of student computers, an automatic practice exam distribution software for the College of Business, and a web interface for querying current course availability.

**Undergraduate Research Assistant 2000 May – 2000 Aug**

β-Lab (Bioinformatics, Empirical, and Theoretical Algorithmics Lab)

Department of Computer Science, University of British Columbia, Vancouver, BC, Canada

Investigated the computational complexities of algorithmic approaches for solving the inverse RNA secondary structure problem (determining nucleotide sequence that produces a specific RNA secondary structure). Supervised by Dr. Anne Condon and Dr. Holger Hoos.

**Head Computer Science Tutor** **2000 Aug – 2001 May**

Computer Science Tutoring Lab

Department of Computer Science, Butler University, Indianapolis, IN

Co-founded and co-designed the department’s first computer science tutoring program for the introductory courses. Tutored 10–30 students per night in an open computer lab, and developed policies to accommodate the high demand.

**Mathematics Tutor** **1998 Aug – 2000 May**

Math Tutoring Lab

Department of Mathematics, Butler University, Indianapolis, IN

First student to tutor upper-level math courses. Coordinated with instructors of these courses to determine appropriate levels of help.

# Publications (Copies of papers and related presentations available upon request)

## Articles and Conference Publications

Fox, V., & Deibel, K. (2018). LIS mental health: Creating a community and breaking the silence. *Voices: Topics in Canadian Librarianship*, *2*(1), 12–14.

Deibel, K. (2013). A convenient heuristic model for understanding assistive technology adoption (extended abstract). In *Proceedings of the 15th international ACM SIGACCESS conference on computers and accessibility*. New York: ACM.

Krause, K., Atman, C. J., Borgford-Parnell, J., & Deibel, K. (2013). Designing for communities: The impact of domain expertise. In *Proceedings of the 2013 American society for engineering education annual conference and exposition (ASEE).*

Krause, K., Atman, C. J., Borgford-Parnell, J., & Deibel, K. (2012). Design considerations: Implications of domain expertise. In *Proceedings of the Frontiers in education conference (FIE): Soaring to new heights in engineering education.*

Atman, C. J., Borgford-Parnell, J., Goist, Z., Deibel, K., Blair, J., Bodle, C., et al. (2010). Seeing and hearing design: Exploring how visual representations and sound tracks could be used to teach design. In *Proceedings of the Design thinking and research symposium 8 (DTRS8)* (pp. 25–37). Sydney, AUS: DAB Documents.

Borgford-Parnell, J., Deibel, K., & Atman, C. J. (2010). From engineering design research to engineering pedagogy: Bringing research results directly to the students. *International Journal of Engineering Education* (Special issue on applications of engineering education research), *26*(4), 748–759.

Atman, C. J., Deibel, K., & Borgford-Parnell, J. (2009). The process of engineering design: A comparison of three representations. In *Proceedings of the 17th international conference on engineering design (ICED’09)* (Vol. 1, pp. 483–494). Glasgow, GB: The Design Society.

Deibel, K. (2008). Course experiences of computing students with disabilities: Four case studies. In *Proceedings of the 39th SIGCSE conference on technical symposium on computer science education* (pp. 454–458). New York: ACM.

Applin, A. G., Holz, H. J., Joel, W., Okoye, I., Deibel, K., Grasser, B., et al. (2007). A multi-perspective digital library to facilitate integrating teaching research methods across the computing curriculum. In *Working group reports on innovation and technology in computer science education ITiCSE* (pp. 184–203). New York: ACM.

Atman, C. J., Borgford-Parnell, J., Deibel, K., Kang, A., Ng, W. H., Kilgore, D., et al. (2007). Matters of context in design. In *Proceedings of the Design thinking research symposium 7 (DTRS7)* (pp. 267–280).

Deibel, K. (2007). Adoption and configuration of assistive technologies: A semiotic engineering perspective (extended abstract). In *Proceedings of the 9th international ACM SIGACCESS conference on computers and accessibility* (pp. 237–238). New York: ACM.

Deibel, K. (2007). Studying our inclusive practices: Course experiences of students with disabilities. In *Proceedings of the 12th annual SIGCSE conference on innovation and technology in computer science education* (pp. 266–270). New York: ACM.

Deibel, K. (2006). Understanding and supporting the use of accommodating technologies by adult learners with reading disabilities. *SIGACCESS Accessibility and Computing* (86), 32–35.

Deibel, K., Anderson, R., & Anderson, R. (2005, Jul). Using edit distance to analyze card sorts. *Expert Systems*, *22*(3), 129–138.

Deibel, K. (2005). Team formation methods for increasing interaction during in-class group work. In *Proceedings of the 10th annual SIGCSE conference on Innovation and technology in computer science education* (pp. 291–295). New York: ACM.

## Book Chapters

Azenkot, S., Deibel, K., & Borning, A. (2019). Computers and disabilities. In B. Friedman & D. G. Henry (Eds.), *Value sensitive design: Shaping technology with moral imagination.* Cambrige, MA: MIT Press.

Borgford-Parnell, J., Deibel, K., & Atman, C. J. (2013). Engineering design teams: Considering the forests and the trees. In B. Williams, J. Figueiredo, & J. Trevelyan (Eds.), *Engineering practice in global context* (chap. 4). Leiden, The Netherlands: CRC Press/Balkema – Taylor & Francis Group.

Atman, C. J., Borgford-Parnell, J., Deibel, K., Kang, A., Ng, W. H., Kilgore, D., et al. (2009). Matters of context in design. In J. MacDonnell & P. Lloyd (Eds.), *About designing. analysing design meetings: Edited papers from the seventh Design thinking research symposium (DTRS7).* London: Taylor and Francis Group. (ISBN: 978-0415440585)

## Technical Reports

Rauh, A. E., Cleary, R., Cooper, N., Deibel, K, Page, A., Warren, S., et al. (2019). Syracuse University Libraries licensing principles. *Libraries’ and Librarians’ Publications*. Available from https://surface.syr.edu/sul/189/

Kolko, B., Racadio, R., Deibel, K., Krause, K., & Prempeh, J. (2013). *The value of noninstrumental computer use: Skills acquisition, self-confidence, and community-based technology teaching.* Seattle, WA: Global Impact Study Research Series, University of Washington.

Deibel, K. (2011). *CELT visualization software packet* (Tech. Rep. CELT-11-06). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Deibel, K. (2011). *Playground object analyses* (Tech. Rep. CELT-11-04). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Deibel, K., Atman, C. J., & Borgford-Parnell, J. (2011). *The role of expertise in shaping the dominance of modeling activities in engineering design* (Tech. Rep. CELT-11-01). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Deibel, K., Atman, C. J., & Borgford-Parnell, J. (2010). *Object collapse and coding* (Tech. Rep. CELT-10-01). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Goist, Z., Deibel, K., Atman, C. J., & Borgford-Parnell, J. (2010). *DTRS8 procedural report* (Tech. Rep. CELT-10-02). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Kilgore, D., Atman, C. J., Kang, A., & Deibel, K. (2008). *Undergraduate student information gathering case studies* (Tech. Rep. CELT-08-01). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Atman, C. J., Borgford-Parnell, J., Deibel, K., Kang, A., Ng, W. H., Kilgore, D., et al. (2007). *DTRS7 procedural report* (Tech. Rep. CELT-07-04). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Deibel, K., Atman, C. J., Ng, W. H., & Saleem, J. (2007). *Cascade pile sort analysis of freshman, senior, and expert timelines* (Tech. Rep. CELT-07-03). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Deibel, K., Kang, A., Saleem, J., Atman, C. J., & Ng, W. H. (2007). *Comparing two populations of undergraduate student design processes on the playground design task* (Tech. Rep. CELT-07-11). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

Ng, W. H., Deibel, K., Atman, C. J., & Borgford-Parnell, J. (2007). *DTRS7 agenda items coding* (Tech. Rep. CELT-07-07). Seattle, WA: Center for Engineering Learning & Teaching, University of Washington.

# **Presentations (Presentation slides and related materials available upon request)**

## Invited and Featured Talks

Deibel, K. (2021, Feb). *Future of library text accessibility: The promises and potentials in EPUB.* University of Minneapolis Libraries, Minneapolis, MN. (remote presentation)

Deibel, K. (2020, Aug). Diversity & inclusion in academia: Acclimating to change of cultures. *Fulbright English for Graduate Studies Program*, English Language Institute, Syracuse, NY. (remote presentation)

Deibel, K. (2020, May). Disability access and libraries—Current issues and future directions. *ARL fellowship for digital and inclusive excellence*. (remote presentation)

Deibel, K. (2019, Jul). Diversity & inclusion in academia: Acclimating to change of cultures. *Fulbright English for Graduate Studies Program*, English Language Institute, Syracuse, NY.

Deibel, K. (2019, May). When you’re the bridled horse [keynote]. *Ohio valley group of technical services librarians (OVGTSL) annual conference*, Lexington, KY.

Deibel, K. (2019, Jan). Pushing on the frontier: Disability access and the future of libraries. *Symposium on the future of libraries, ALA Midwinter*, Seattle, WA.

Deibel, K. (2018, Jul). Diversity & inclusion in academia: Acclimating to change of cultures. *Fulbright English for Graduate Studies Program*, English Language Institute, Syracuse, NY.

Deibel, K. (2016, Jul). Accessibility and the new Primo UI. *Orbis Cascade Alliance summer meeting*, Portland, OR.

Deibel, K., & Al-Mohamed, D. (2014, Apr). Developing a disability version of the Bechdel test. *Cripping the comic con*, Syracuse University, Syracuse, NY.

Deibel, K. (2014, Feb). [Assistive] technology adoption and students with learning disabilities: The underlying story.

AccessSTEM national capacity building institute, University of Washington, Seattle, WA.

Alaniz, J., & Deibel, K. (2013, Jun). Perspectives on disability in comics: From the silver age to the digital age. *Disability studies brownbag series*, University of Washington, Seattle, WA.

Deibel, K. (2011, Oct). *Research at the intersections of education, computer science, and engineering.* University of British Columbia, Vancouver, BC, CAN.

Deibel, K. (2010, Apr). Does this device make me look handicapped? How notions of disability and normalcy affect technology usage. *Disability awareness week*, Grinnell College, Grinnell, IA.

Deibel, K. (2008, Oct). Access technology for reading disabilities & access technology acceptance. *CSEP 590B Accessibility* (invited lecture), University of Washington, Seattle, WA.

Deibel, K. (2006, Nov). Women in computing. *CSEP 590A History of computing* (invited lecture), University of Washington, Seattle, WA.

## Webinars

Deibel, K. (2021, Jan). Remote accessibility: Building proverbial ramps to online library interactions [webinar]. *Central NY Library Resources Council (CLRC)*.

Deibel, K. (2019, Nov). Disability access and libraries – Current issues and future directions [webinar]. *CLRC/ENY-ACRL*.

Deibel, K. (2019, Apr). A complaint has been filed. Now what? Strategies for accessibility remediation and prioritization for future compliance [webinar]. *ACRL Management and Leadership*. (https://youtu.be/ZcxdQy-RGrY)

Deibel, K. (2016, Sep). *Accessibility and discovery.* (Remote webinar to Ex Libris Primo development team in Jersualem, Israel)

## Conference Talks

Deibel, K. (2021, Mar). Thinking Beyond the Basics of Accessibility. *Code4Lib.*

Deibel, K. (2020, Mar). Plaintext, HTML, PDF, and EPUB3: Who wins the accessibility games? *Code4Lib*, Pittsburgh, PA.

Deibel, K. (2019, Feb). The websites that librarians love... but are they ACCESSIBLE?!? *Code4Lib*, San José, CA.

Deibel, K. (2019, Feb). Web accessibility testing anyone can perform: Keyboard access [lightning talk]. *Code4Lib*, San José, CA.

Deibel, K., & Anantachai, T. (2018, Oct). How many inclusive chefs is enough? Diversity efforts at Syracuse University Libraries. *RRLC inclusive libraries conference*, Rochester, NY.

Deibel, K. (2018, Oct). Web accessibility testing anyone can perform: Keyboard access [lightning talk]. *RRLC inclusive libraries conference*, Rochester, NY.

Deibel, K. (2018, May). Low-hanging fruit of web accessibility [lightning talk]. *Code4Lib North*, Toronto, ON, Canada.

Deibel, K. (2017, Jun). Webcomics as vehicles for both the readers and artists to explore disability [lightning talk]. *Comics and medicine*, Seattle, WA.

Deibel, K. (2017, Mar). The most accessible catalog results page ever. *Code4Lib*, Los Angeles, CA.

Deibel, K. (2016, Apr). Continuing highlights of disability representations in webcomics. *Cripping the comic con*, Syracuse University, Syracuse, NY.

Deibel, K. (2016, Mar). Why cats prefer the box over the fancy toy / Sharing code solutions for all sizes of institutions [lightning talk]. *Code4Lib*, Philadelphia, PA.

Deibel, K. (2016, Jan). Shall we become two-headed monsters? Cross-disciplinary and multiliteracy perspectives for #mashcat’s goals. *Mashcat*, Simmons College, Boston, MA, NY.

Deibel, K. (2016, Jan). Value sensitive design. *Mashcat*, Simmons College, Boston, MA, NY.

Cornish, A., Deibel, K., & McWilliams, J. (2015, Jul). Ex Libris developer network update: Cat herding 301—Taming the Alma analytics API. *Orbis Cascade Alliance summer meeting*, Portland, OR.

Deibel, K. (2015, Mar). Dr. Quincy or: How I transformed depressive Netflix binging and found positive disability television. Cripping the comic con, Syracuse University, Syracuse, NY.

Deibel, K. (2015, Mar). Making comics accessible to print disabilities: An introductory conversation. *Cripping the comic con*, Syracuse University, Syracuse, NY.

Deibel, K. (2015, Feb). Low-hanging fruit of web accessibility [lightning talk]. *Code4Lib*, Portland, OR.

Deibel, K. (2015, Jan). Primo accessibility. *Orbis Cascade Alliance Primo hackathon*, Portland, OR.

Deibel, K. (2014, Apr). More than something: Positive disability representations in the webcomic Something\*Positive. *Cripping the comic con*, Syracuse University, Syracuse, NY.

Deibel, K. (2013, Apr). Positive portrayals of disabilities in popular webcomics: A small case study. *Cripping the comic con*, Syracuse University, Syracuse, NY.

Deibel, K. (2008, Apr). Sociocultural factors of assistive technology adoption among individuals with reading disabilities. *New scholarship at the intersections: Care, work, and diversity* (graduate research conference), School of Social Work, University of Washington, Seattle, WA.

## Workshops

Deibel, K. (2019, May). Syracuse University Libraries, accessibility, and you. *Access for success: A workshop on accessibility and inclusion*, College of Arts & Sciences, Syracuse University, Syracuse, NY.

Deibel, K. (2019, Feb). Leveling up your accessibility skills: The ARIA feat. *Code4Lib*, Los Angeles, CA.

Deibel, K. (2018, May). Advanced accessibility: ARIA and dynamic webpages. *Web accessibility summit*, University of Missouri, Columbia, MO.

Deibel, K. (2018, Feb). ARIA basics: Making your web content sing accessibility. *Code4Lib*, Washington, DC.

Deibel, K., & Dandle, J. (2018, Feb). Advocating for library accessibility: An introduction. *Code4Lib*, Washington, DC.

Deibel, K., & Dandle, J. (2017, Mar). Web accessibility: Becoming a stronger advocate. *Code4Lib*, Los Angeles, CA.

Deibel, K. (2010, Apr). Inclusive teaching practices for supporting students with disabilities. *Disability awareness week*, Grinnell College, Grinnell, IA.

Deibel, K. (2009, Oct). [Assistive] technology adoption and abandonment. *First workshop on technology and disability in the developing world*, University of Washington, Seattle, WA.

Deibel, K. (2009, Feb). Inclusive teaching practices for supporting students with disabilities. *Practical pedagogy roundtable*, University of Washington, Seattle, WA.

Deibel, K. (2008, Aug). Inclusive practices for [computer science] education. Digipen Institute of Technology, Redmond, WA.

Deibel, K. (2006, Oct). Understanding and supporting the use of accommodating technologies by adult learners with reading disabilities. *Doctoral consortium at the 8th international ACM SIGACCESS conference on computers and accessibility (ASSETS)*, Portland, OR.

Deibel, K. (2006, Mar). Understanding computer accommodations for reading disabilities: User experiences and the role of typography. *Doctoral consortium at the 37th SIGCSE technical symposium on computer science education*, Houston, TX.

Deibel, K. (2005, Feb). The design and evaluation of a tablet-based multiple document analysis tool for dyslexic readers. *Doctoral consortium at the 36th SIGCSE technical symposium on computer science education*, St. Louis, MO.

Deibel, K. (2004, Mar). Improving and augmenting classroom group work. *Doctoral consortium at the 35th SIGCSE technical symposium on computer science education*, Norfolk, VA.

## Guest Lectures

Deibel, K. (2020, Oct). Q&A with a DEIA librarian. *SLIS 5010 Cultural foundations*, School of Library & Information Science, The University of Iowa, Iowa City, IA.

Deibel, K. (2020, Feb). Document accessibility for librarians. *IST 564 Accessible library & information services*, iSchool, Syracuse University, Syracuse, NY.

Deibel, K. (2020, Feb). Webcomics as vehicles for both the readers and artists to explore disability. *HNR 360: (Dis)abling comic books*, Rénee Crown University Honors Program, Syracuse University, Syracuse, NY.

Deibel, K. (2019, Apr). Webcomics as vehicles for both the readers and artists to explore disability. *HNR 360: (Dis)abling comic books*, Rénee Crown University Honors Program, Syracuse University, Syracuse, NY.

Deibel, K. (2010, Apr). A real grand challenge: Designing technologies for college students with disabilities. Department of Computer Science, Grinnell College, Grinnell, IA.

Deibel, K. (2009, Oct). Students with disabilities in the university classroom. *POL S 595 College teaching of political science*, University of Washington, Seattle, WA.

## Panels

Hsiao, H., Anantachai, T., Deibel, K., & LoRusso, N. (2019, Nov). *UndocuAlly training (condensed version).* Learning & Academic Engagement (was Learning Commons) Staff Meeting, Syracuse University Libraries, Syracuse, NY.

Rosen, S., & Deibel, K. (2019, Mar). *Disability info: Library accessibility.* University of North Carolina, Chapel Hill, NC. (Virtual panel for a course on *Disability Informatics & Information*)

Moderator. (2019, Jan). *Staff training: Patrons with disabilities.* Syracuse University Libraries, Syracuse, NY. (Panel of disabled library patrons discussing their library experiences)

Webber, G., & Deibel, K. (2018, Oct). *Author event: A conversation with Georgia Webber.* Syracuse University, Syracuse, NY.

Deibel, K. (moderator), Rothstein, J., Westerdahl, N., & Mangicaro, J. A. (2018, Sep). *Serving patrons with print disabilities.* Syracuse University Libraries, Syracuse University, Syracuse, NY.

Saenz, S., & Deibel, K. (2016, Oct). Disability and comics: Disability in webcomics. *GeekGirlCon*, Seattle, WA.

Read, S., Deibel, K., & Wright, T. (2009, Jun). Teaching sustainable online research practices across the curriculum: The Q6C solution. *Computers and writing*, Davis, CA.

Appel, F. A., Deibel, K., Martin, C. D., Oldham, J. D., Purewal, Jr., T. S., & Spradling, C. L. (2009, Mar). From the man on the moon to 2001 and beyond: The evolving social and ethical impact of computers. A session to commemorate SIGCAS’s 40th anniversary. *40th SIGCSE technical symposium on computer science education*, Chattanooga, TN.

Boustedt, J., McCartney, R., Deibel, K., Huggins, J., Simon, B., Westbrook, S., et al. (2009, Mar). It seemed like a good idea at the time. *40th SIGCSE technical symposium on computer science education*, Chattanooga, TN.

Gehringer, E. F., Cassel, L., Deibel, K., & Joel, W. (2008, Mar). Wikis: Collaborative learning for CS education. *39th SIGCSE technical symposium on computer science education*, Portland, OR.

Moderator. (2007, May). Student panel: Personal experiences in class, student services, recreation, housing, and technology access. *UW capacity building institute on creating a welcoming environment for students with disabilities*, DO-IT, University of Washington, Seattle, WA.

Deibel, K. (lead), Rosmaita, B., Egan, M. A. L., Cohen, R. F., & Siegfried, R. M. (2007, Mar). Accessibility (Birds-of-a-feather). *38th SIGCSE technical symposium on computer science education*, Covington, KY.

Panelist. (2007, Feb). Student panel: Student disability groups and disability advocacy on college campuses. *AccessCollege meeting*, DO-IT, University of Washington, Seattle, WA.

Gehringer, E. F., .D.e. i.b. e. .l,. .K.., Hamer, J., & Whittington, K. J. (2006, Mar). Cooperative learning: Beyond pair programming and team projects. *37th SIGCSE technical symposium on computer science education*, Houston, TX.

Rosmaita, B. J., Deibel, K., Cohen, R. F., & Egan, M. A. L. (2006, Mar). Accessibility and computer science education. *37th SIGCSE technical symposium on computer science education*, Houston, TX.

## Posters

Page, A., & Deibel, K. (2019, May). Opening doors for all: Collaborations at Syracuse University libraries in support of open access & accessibility. *ACRL New England chapter annual conference*, Portland, ME.

Deibel, K. (2018, May). Accessibility efforts underway at Syracuse University libraries (poster). *ENY-ACRL spring conference*, Hamilton, NY.

Deibel, K. (2013, Oct). A convenient heuristic model for understanding assistive technology adoption (poster). *15th international ACM SIGACCESS conference on computers and accessibility*, Bellevue, WA.

Deibel, K., Read, S., & Wright, T. (2009, Apr). Q6C: A multidisciplinary process for teaching online research practices. *iEdge 2009: Leading change*, University of Washington, Seattle, WA.

Read, S., Wright, T., & Deibel, K. (2009, Apr). Q6C: A transdisciplinary process for teaching online research practices. Scholarship of teaching and learning symposium, University of Washington, Seattle, WA.

Deibel, K., Read, S., & Wright, T. (2009, Mar). Q6C: A multidisciplinary process for teaching online research practices. *40th SIGCSE technical symposium on computer science education*, Chattanooga, TN.

Wright, T., Deibel, K., & Read, S. (2008, May). Across the disciplines: Strategies for teaching cyber-savvy. *Scholarship of teaching and learning symposium*, University of Washington, Seattle, WA.

Deibel, K. (2007, Oct). Adoption and configuration of assistive technologies: A semiotic engineering perspective (poster). 9th international ACM SIGACCESS conference on computers and accessibility, Tempe, AZ.

## Online Activities

@IamLibrarianSam & Deibel, K. (2018, Apr). *Bias in web searching* [twitter chat]. (http://critlib.org/bias-in-web-searching)

Deibel, K. (2016, Jul). *Metadata and accessibility* [twitter chat]. (http://www.mashcat.info/twitter-chat)

Deibel, K. (2016, Jul). *Value sensitive design* [twitter chat]. (http://critlib.org/value-sensitive-design)

Deibel, K. (2009, Feb). C*urrent issues and research in digital literacies and disabilities* [asynchronous Sakai discussion]. Computers and writing 2009 online sessions.

Atman, C. J., Borgford-Parnell, J., & Deibel, K. (2008, Oct). *The CELT model: From research to teaching and back again.* YouTube video for the 2008 Center for the Advancement of Scholarship on Engineering Education (CASEE) webinar. (https://youtu.be/GrQRp2FQ7oM)

# PROFESSIONAL DEVELOPMENT

**UndocuAlly Workshop 2019 Jun**

Ad Hoc Committee on Deferred Action for Childhood Arrivals (DACA)/Undocumented Students

Syracuse University, Syracuse, NY

**National Forum on Principles of Accessibility and Inclusion for the Design of Library System**

**2019 May**

MIT Center for Research on Equitable and Open Scholarship (CREOS), Cambridge, MA

**Web Accessibility Summit 2018 May**

University of Missouri, Columbia, MO

**ARIA Bootcamp 2016 Nov**

UW Access Technology Center, University of Washington, Seattle, WA

**Social Justice and Libraries Open Conference 2016 May**

Seattle, WA

***Dive into Hydra* and *Dive Deeper into Hydra* workshops 2016 Mar**

Code4Lib 2016, Philadelphia, PA

**Ex Libris Primo Certification 2015 Jan**

**AccessSTEM National Capacity Building Institute 2014 Feb**

University of Washington, Seattle, WA

**Accessibility Camp Seattle 2013 Oct**

Seattle, WA

**Accessibility Camp Seattle 2012 Jun**

Seattle, WA

**Accessibility Camp Seattle 2011 May**

Seattle, WA

**First Workshop on Technology and Disability in the Developing World 2009 Oct**

Technology and Disability in the Developing World

University of Washington, Seatle, WA

**UW Capacity Building Institute 2006 Jan**

*Creating a Welcoming Environment for Students with Disabilities*

DO-IT (Disabilities, Opportunies, Internetworking, and Technology)

University of Washington, Seattle, WA

**One-Day Prejudice Reduction Workshop 2006 Jan**

National Coalition Building Institute (through Literacy Source)

Seattle, WA

**Literacy Tutor Training 2005 Sep**

Tacoma Community House Training Project (through Literacy Source)

Seattle, WA

# HONORS AND AWARDS

**Student Bursary 2007**

British Computer Society, Swindon, UK

Funded attendance at the ITiCSE 2007 conference in Dundee, Scotland, UK.

**Graduate School Fund for Excellence and Innovation Travel Award 2007**

University of Washington, Seattle, WA

Funded attendance at the ITiCSE 2007 conference in Dundee, Scotland, UK.

**Graduate and Professional Student Senate Travel Award 2007**

University of Washington, Seattle, WA

Funded attendance at the ITiCSE 2007 conference in Dundee, Scotland, UK.

**National Science Foundation Graduate Fellowship Award 2002**

Provided graduate school funding from Summer 2002 through Spring 2005.

**Bob Bandes Teaching Assistant Award 2002**

Department of Computer Science & Engineering, University of Washington, Seattle, WA

Nominated by students in the department.

**Corrine Welling Graduate Scholarship 2001**

Butler University, Indianapolis, IN

**Founders Scholarship 1997 - 2001**

Butler University, Indianapolis, IN

**Robert C. Byrd Honors Scholarship Program 1997 - 2001**

U.S. Department of Education

# SERVICE

## Conferences and Organizations

**Code4Lib Annual Conference:**

Accessibility Committee **2017 – 2020**

Web Committee **2018 – 2019**

Conduct Duty Officer **2016 – 2017**

**Accessibility Camp Seattle** **2012 Jun – 2013 Dec**

Executive Board

**SIGCSE student volunteer** **2004, 2005**

Annual Technical Symposium on Computer Science Education

## Reviewing and Refereeing

Innovation and Technology in Computer Science Education (ITiCSE) **2007 – 2015**

Technical Symposium on Computer Science Education (SIGCSE) **2006 – 2015**

Open Source & Feelings **2015, 2016**

Universal Access in the Information Society (UAIS) **2013, 2014**

Assistive Technology Journal (RESNA) **2013, 2014**

Computer Science Education **2012**

Educational Interfaces, Software, and Technology workshop **2012**

National Science Foundation: Transforming Undergraduate Education in Science, Technology,Engineering and Mathematics (TUES) program **2011**

American Educational Research Association (AERA) Annual Meeting **2011, 2013**

Behaviour & Information Technology **2008**

Consortium for Computing Sciences in Colleges Northwest (CCSC-NW) **2006**

## University

**Syracuse University Libraries Committees:**

Member-At-Large, Syracuse University Libraries Assembly (SULA) **2020 - current**

Co-Chair, Software Accessibility Testing Team (SATT) **2018 – current**

Member, Living Library Committee **2018 – current**

Member / Advisor, Diversity & Inclusion Team **2017 – current**

**Syracuse University Committees:**

Libraries representative, Inclusive Leadership Assembly **2018 – current**

Disability Community Group **2017 – current**

## Other Activities

**Critlib** **2018 Apr – current**

Administration Team and Web Technologist

**LIS Mental Health** (co-organizer) **2017 Jan – current**

LIS Mental Health Week events and the *Reserve and Renew: The LIS mental health zine*.

**Web Content Accessibility Guidelines Working Group** **2014 Apr – 2015 Feb**

Cognitive and Learning Disabilities Accessibility Task Force

**Adult Basic Education Tutor** **2005 Oct – 2007 Sep**

Literacy Source, Seattle, WA