

Dugald Ralph Hutchings

Associate Professor of Computing Sciences at Elon University

Education

Georgia Institute of Technology Atlanta, Georgia, USA

- Ph.D. awarded August 4, 2006
- Major: Computer Science
- Minor: Information Visualization

Baldwin-Wallace College Berea, Ohio, USA (now Baldwin Wallace University)

- B.S. awarded *summa cum laude* May 5, 2000
- Majors: Computer Science, Mathematics

Teaching Experience

Elon University Elon, North Carolina, USA

- Associate Professor with tenure, 2013-present
- Assistant Professor, 2008-2013

<u>Computer Science Courses</u>	<u>Most Recently Taught</u>	<u>Students</u>
CSC 111 Data Science & Visualization	Fall 2017	28
CSC 130 Computer Science I	Fall 2017	28
CSC 230 Computer Science II	Spring 2018	28
CSC 310 Human-Computer Interaction	Spring 2018	24
CSC 499 Independent Research	Spring 2018	1
<u>Information Science Courses</u>	<u>Most Recently Taught</u>	<u>Students</u>
ISC 111 Data Science & Visualization	Fall 2016	24
ISC 245 Fundamentals of Data	Fall 2015	16
ISC 310 Human-Computer Interaction	Spring 2015	10

<u>Computer Information Systems Courses</u>	<u>Most Recently Taught</u>	<u>Students</u>
CIS 211 Management Information Systems	Fall 2011	28
CIS 216 Programming in a Visual Environment	Spring 2011	19
CIS 310 User-Centered Web Design	Spring 2011	24
CIS 330 Systems Analysis & Design	Fall 2011	22
CIS 430 Project Management	Spring 2011	13
CIS 499 Undergraduate Research Project	Spring 2012	1

<u>Other Courses</u>	<u>Most Recently Taught</u>	<u>Students</u>
ELN 101 Elon 101 (first-year orientation)	Fall 2015	17
HNR 498 Honors Research Project	Spring 2018	1
LUM 498 Lumen Scholars Research Project	Fall 2013	1
MTH 241 Discrete Structures	Fall 2014	33

Bowling Green State University Bowling Green, Ohio, USA
Assistant Professor, 2006-2008

<u>Undergraduate Courses</u>	<u>Most Recently Taught</u>	<u>Students</u>
CS 100 Computer Basics (online)	Summer 2007	25
CS 101 Introductory Programming (traditional)	Fall 2006	30
CS 101 Introductory Programming (online)	Summer 2008	15
CS 201 Object-Oriented Programming	Fall 2007	30
CS 202 Objects and Data Abstraction	Spring 2008	20
CS 324 Usability Engineering	Spring 2007	25
CS 410 Formal Language Theory	Fall 2007	25

<u>Graduate Courses</u>	<u>Most Recently Taught</u>	<u>Students</u>
CS 510 (cross-listed CS 410; see above)	Fall 2007	25
CS 585 Independent Study	Spring 2007	1
CS 612 Algorithm Analysis	Fall 2006	20
CS 665 Human Issues in Computing	Spring 2008	15
CS 680 Information Visualization	Spring 2007	10
CS 691 Graduate Project	Spring 2008	1
CS 699 Thesis Research	Spring 2008	1

Georgia Institute of Technology Atlanta, Georgia, USA

- Instructor, 2002 and 2005
- Teaching Assistant, 2000-2004
- Research Mentor, 2004

<u>Courses Taught</u>	<u>Most Recently Taught</u>	<u>Students</u>
CS 1050 Constructing Proofs	Summer 2002	60
CS 6750 Human-Computer Interaction	Fall 2005	20

<u>Courses Assisted</u>	<u>Most Recently Assisted</u>	<u>Students</u>
CS 3500 Introduction to Theory	Fall 2001	40
CS 4750 Human-Computer Interaction	Fall 2004	50
CS 7001 Introduction to Graduate Studies	Fall 2002	70

Mentorship

Served as Research Mentor in the Intel Opportunity Scholars Program in Spring 2004, leading an undergraduate student in their first exposure to research by investigating multiple-monitor interface challenges and developing & executing an experiment to assess expected productivity gains or losses by users of multiple-monitor systems

Miami University SUMSRI REU Program Oxford, Ohio, USA

SUMSRI: Summer Undergraduate Mathematical Sciences Research Institute

Graduate Assistant, Summer 2000

- Met daily with undergraduates conducting research in abstract algebra
- Met three times weekly with undergraduates taking mini-courses in advanced mathematical topics to help facilitate learning
- Advised students on preparing for and applying to graduate schools

Advising

I have been advising undergraduate students at Elon University since 2010 and have served as academic advisor to more than 100 students. From 2011 to 2015, I taught Elon 101, an orientation and transition course for new students.

Research Experience - Publications & Reports

Explanatory Notes

There are multiple professional organizations affiliated with the computing sciences such as ACM, IEEE, and IFIP. None of these organizations agree upon a reference style for publications. Within ACM, there are separate style guidelines for journals and for conferences, and individual conferences within ACM may further deviate from the standard style. The professional organizations also often take different approaches to publication, especially of conference proceedings. ACM is its own publisher and hosts its own digital library through which all of its publications may be downloaded. IFIP conferences partner with various publishers and often provide their conference proceedings as books with ISBNs.

Of the professional organizations, I consider the ACM Digital Library to have the most comprehensive collection of publications, abstracts, and reference information. Each reference, whether an ACM publication or not, includes an option to export the citation in an ACM Reference format. The reference style used below is a copy of the ACM Reference format (modified for readability for readers not in the field) if the item appears in the digital library or follows the style as closely as possible if the item does not appear in the library. Further, when available, a Web link to the item is provided for further exploration or understanding. I have provided additional information in brackets [] when available to describe my contribution level or indicate an acceptance rate.

Journal Papers (peer-reviewed)

Shannon Duvall, Duke **Hutchings**, and Michele Kleckner. 2017. Changing Perceptions of Discrete Mathematics through Scrum-based Course Management Practices. *The Journal of Computing Sciences in Colleges* 33, 2 (December 2017) 182-189 [principal research by S. Duvall; principal authoring by Duvall and Hutchings]. <https://dl.acm.org/citation.cfm?id=3144672>

Dugald Ralph **Hutchings** and Scott Spurlock. 2016. A Classroom Evaluation of a Novel Software Tool to Support Introductory Data Science and Visualization. *The Journal of Computing Sciences in Colleges* 32, 2 (December 2016), 135-141 [principal research and authoring by Hutchings]. <http://dl.acm.org/citation.cfm?id=3015084>

G. Michael Poor, Laura M. Leventhal, Julie Barnes, Duke R. **Hutchings**, Paul Albee, and Laura Campbell. 2012. No User Left Behind: Including Accessibility in Student Projects and the Impact on CS Students' Attitudes. *Transactions on Computing Education* 12, 2, Article 5 (April 2012), 22 pages [principal research by all; principal authoring by Leventhal and Poor]. <http://doi.acm.org/10.1145/2160547.2160548>

Lynn R. Heinrichs, Duke **Hutchings**, Michele Kleckner, and Megan Squire. 2011. Charting a New Curriculum for a Data-Driven World. *Issues in Information Systems* 12, 2, pp. 256-263 [principal research by all, principal authoring by Heinrichs]. http://www.iacis.org/iis/iis_articles.php?volume=12&issue=2

Conferences: Full Papers, Notes, Short Papers, etc. (all peer-reviewed)

Shannon Duvall, Robert Duvall, and Dugald Ralph **Hutchings**. 2018. Scrumage: A method for incorporating multiple, simultaneous pedagogical styles in the classroom. To be published in *Proceedings of the 49th ACM Technical Symposium on Computer Science Education (SIGCSE 2018)*. ACM, New York, NY, USA [principal research by S. Duvall, principal authoring by S. Duvall and Hutchings; presented as a talk by S. Duvall; 35% acceptance rate]. <https://doi.org/10.1145/3159450.3159596>

Dugald Ralph **Hutchings** and Megan Squire. 2016. VisMap: Exploratory Visualization Support for Introductory Data Science and Visualization. In *Proceedings of the 47th ACM Technical Symposium on Computer Science Education (SIGCSE 2016)*. ACM, New York, NY, USA, 163-168 [principal research and authoring by Hutchings; presented as a talk by Hutchings; 35% acceptance rate]. <http://doi.acm.org/10.1145/2839509.2844572>

Dugald Ralph **Hutchings** and David Steven Williams. 2013. Efficiency and device versatility of graphical and textual passwords. In *Proceedings of the 19th Americas Conference on Information Systems (AMCIS 2013)*. AIS, Atlanta, GA, USA [principal research by all, principal authoring by Hutchings; presented as a talk by Hutchings; unpublished acceptance rate; awarded **Best Conference Paper**]. <http://aisel.aisnet.org/amcis2013/HumanComputerInteraction/GeneralPresentations/15/>

Dugald **Hutchings**. 2012. An investigation of Fitts' law in a multiple-display environment. In *Proceedings of the 2012 ACM Annual Conference on Human Factors in Computing Systems (CHI '12)*. ACM, New York, NY, USA, 3181-3184 [presented as a talk; 23% combined acceptance rate for papers and notes]. <http://doi.acm.org/10.1145/2208636.2208736>

Dugald Ralph **Hutchings**. 2011. Easing text-based mobile device user authentication mechanisms. In Proceedings of the International Conference on Security and Management (SAM 2011). CSREA Press, USA, 143-149 [presented as a talk; 21% acceptance rate]. <http://world-comp.org/proc2011/sam.html>

Katherine Vogt, Lauren Bradel, Christopher Andrews, Chris North, Alex Endert, and Duke **Hutchings**. 2011. Co-located collaborative sensemaking on a large high resolution display with multiple input devices. In Proceedings of the 13th IFIP TC 13 international conference on Human-computer interaction - Volume Part II (INTERACT'11), Pedro Campos, Nuno Nunes, Nicholas Graham, Joaquim Jorge, and Philippe Palanque (Eds.), Vol. Part II. Springer-Verlag, Berlin, Heidelberg, 589-604 [principal research and authoring by Vogt & Bradel; presented as a talk by Bradel; 28% acceptance rate].
<http://www.springerlink.com/content/978-3-642-23770-6#section=950877&page=1&locus=0>

Jonathan Citty and Dugald Ralph **Hutchings**. 2010. Design & evaluation of an image-based authentication system for small touch-screens. In Proceedings of the International Conference on Security and Management (SAM 2010). CSREA Press, USA, 116-122 [principal research by Citty, principal authoring by Hutchings; presented as a talk by Hutchings; 27% acceptance rate].

Dugald Ralph **Hutchings** and John Stasko. 2010. Controlling information display in larger pixel spaces: a study of window snipping by multiple-monitor users. In Proceedings of the 48th Annual Southeast Regional Conference (ACM SE '10). ACM, New York, NY, USA, Article 73, 6 pages [principal research and authoring by Hutchings; presented as a talk by Hutchings; 51% acceptance rate].
<http://doi.acm.org/10.1145/1900008.1900106>

Saranga Komanduri and Dugald R. **Hutchings**. 2008. Order and entropy in picture passwords. In Proceedings of Graphics Interface 2008 (GI '08). Canadian Information Processing Society, Toronto, Ontario, Canada, 115-122 [principal research and authoring by Komanduri; presented as a talk by Komanduri; 41% acceptance rate].
<http://dl.acm.org/citation.cfm?id=1375714.1375735>

Dugald Ralph **Hutchings** and John Stasko. 2007. Quantifying the performance effect of window snipping in multiple-monitor environments. In Proceedings of the 11th IFIP TC 13 International Conference on Human-Computer Interaction - Volume Part II (INTERACT'07), Cecilia Baranauskas, Philippe Palanque, Julio Abascal, and Simone Diniz Junqueira Barbosa (Eds.), Vol. Part II. Springer-Verlag, Berlin, Heidelberg, 461-474 [principal research and authoring by Hutchings; presented as a talk by Hutchings; 34% acceptance rate].

<http://www.springerlink.com/content/16v7718n56818470/>

Dugald Ralph **Hutchings** and John Stasko. 2007. Consistency, multiple monitors, and multiple windows. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '07). ACM, New York, NY, USA, 211-214 [principal research and authoring by Hutchings; presented as a talk; 25% acceptance rate but unknown if rate includes or excludes short paper submissions].

<http://doi.acm.org/10.1145/1240624.1240658>

Dugald Ralph **Hutchings** and John Stasko. 2005. mudibo: multiple dialog boxes for multiple monitors. In CHI '05 Extended Abstracts on Human Factors in Computing Systems (CHI EA '05). ACM, New York, NY, USA, 1471-1474 [principal research and authoring by Hutchings; presented as a talk; 25% of short papers accepted as talks].

<http://doi.acm.org/10.1145/1056808.1056944>

Dugald Ralph **Hutchings**, Greg Smith, Brian Meyers, Mary Czerwinski, and George Robertson. 2004. Display space usage and window management operation comparisons between single monitor and multiple monitor users. In Proceedings of the Working Conference on Advanced Visual Interfaces (AVI '04). ACM, New York, NY, USA, 32-39 [significant research by all, principal authoring by Hutchings and Czerwinski; presented as a talk by Hutchings; 25% acceptance rate].

<http://doi.acm.org/10.1145/989863.989867>

Dugald Ralph **Hutchings** and John Stasko. 2004. Shrinking window operations for expanding display space. In Proceedings of the working conference on Advanced visual interfaces (AVI '04). ACM, New York, NY, USA, 350-353 [principal research and authoring by Hutchings; presented as a poster; acceptance rate for short papers unpublished]. <http://doi.acm.org/10.1145/989863.989922>

George Robertson, Eric Horvitz, Mary Czerwinski, Patrick Baudisch, Dugald Ralph **Hutchings**, Brian Meyers, Daniel Robbins, and Greg Smith. 2004. Scalable Fabric: flexible task management. In Proceedings of the Working Conference on Advanced Visual Interfaces (AVI '04). ACM, New York, NY, USA, 85-89 [principal research and authoring by Robertson; presented as a poster; acceptance rate for short papers unpublished]. <http://doi.acm.org/10.1145/989863.989874>

Dugald Ralph **Hutchings** and John Stasko. 2004. Revisiting display space management: understanding current practice to inform next-generation design. In Proceedings of Graphics Interface 2004 (GI '04). Canadian Human-Computer Communications Society, School of Computer Science, University of Waterloo, Waterloo, Ontario, Canada, 127-134 [principal research and authoring by Hutchings; 4th highest rated paper among 85 submissions; presented as a talk by Hutchings; 37% acceptance rate]. <http://dl.acm.org/citation.cfm?id=1006058.1006074>

Dugald Ralph **Hutchings** and John Stasko. 2002. QuickSpace: new operations for the desktop metaphor. In CHI '02 Extended Abstracts on Human Factors in Computing Systems (CHI EA '02). ACM, New York, NY, USA, 802-803 [principal research and authoring by Hutchings; presented as a talk; 16% of short papers accepted as talks]. <http://doi.acm.org/10.1145/506443.506605>

Patents

George G. Robertson, Dugald R. **Hutchings**, Brian R. Meyers, Gregory R. Smith. US Patent #9,671,922: Scaling of displayed objects with shifts to the periphery. Filed July 13, 2012; accepted June 6, 2017.

George G. Robertson, Dugald R. **Hutchings**, Brian R. Meyers, and Gregory R. Smith. US Patent #8,225,224: Computer desktop use via scaling of displayed objects with shifts to the periphery. Filed May 21, 2004; accepted July 17, 2012.

Mary P. Czerwinski, Dugald R. **Hutchings** II, Daniel C. Robbins, George G. Robertson, Brian R. Meyers, Gregory R. Smith. US Patent #7,624,354: Efficient workspace management using content groups. Filed April 29, 2005; accepted November 29, 2009.

Dissertation

Dugald R. **Hutchings**. Making Multiple Monitors More Manageable. Accepted July 6, 2006, Georgia Institute of Technology, Atlanta, Georgia, USA.

<http://smartech.gatech.edu/handle/1853/11551>

Conference Workshops Hosted (committee-reviewed)

Shannon Duvall, Robert Duvall, and Dugald Ralph **Hutchings**. 2018. Beyond the Flipped Classroom: Implementing Multiple, Simultaneous Pedagogical Styles Using Scrumage. Held at ACM SIGCSE Technical Symposium on Computer Science Education (SIGCSE 2018). <https://dl.acm.org/citation.cfm?id=3162377>

Dugald R. **Hutchings**, John Stasko, and Mary Czerwinski. 2005. Distributed display environments. Held at ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '05). Currently hosted on <http://facstaff.elon.edu/dhutchings/dde/> [principal authorship by Hutchings].

Rui José, Gerd Kortuem, Sharam Izadi, Brian Bailey, and Dugald **Hutchings**. Pervasive Display Infrastructures, Interfaces and Applications. Held at 4th International Conference on Pervasive Computing (Pervasive 2006).

Doctoral Symposium Participation (committee-reviewed)

D. R. **Hutchings**. M5: Making multiple monitors more manageable. Presented at 18th Annual ACM Symposium on User Interface Software and Technology (UIST 2005).

Conference Posters (committee-reviewed)

G. M. Poor, L. M. Leventhal, J. Barnes and D. R. **Hutchings**. Accessibility: Understanding Attitudes of CS Students. Presented at Assets 2009 in Pittsburgh, PA, USA [significant research by Poor & Leventhal].

J. Gilkey and D. R. **Hutchings**. Designing Interactions for Multiple-Monitor Environments. Presented at Graphics Interface 2008 in Windsor, ON, Canada [significant research by Gilkey].

D. R. **Hutchings**, M. Czerwinski, D. Robbins, G. Robertson, G. Smith, and B. Meyers. TaskZones: A task manager for multiple-monitor systems. Presented at UIST 2005 [significant research by Hutchings, Czerwinski, and Robbins; principal authoring by Hutchings].

Conference Workshop Participation (committee-reviewed submission)

D. R. **Hutchings**, M. Czerwinski, B. Meyers, and J. Stasko. Exploring the use and affordances of multiple display environments. Workshop on Ubiquitous Display Environments at Sixth International Conference on Ubiquitous Computing (UbiComp 2004) [equally distributed authoring].

Other Workshop Participation

H. R. Lipford and D. R. **Hutchings**. The 1st Software And Usable Security Aligned for Good Engineering (SAUSAGE) Workshop, hosted by the National Institute for Standards and Technology (NIST), Gaithersburg, MD, April 5-6, 2011 [equally distributed authoring].

Technical Reports (not reviewed)

L. Bradel, C. Andrews, A. Endert, K. Vogt, D. **Hutchings**, and C. North. Space for two to think: large, high-resolution displays for co-located collaborative sensemaking. Technical Report TR-11-11, Computer Science, Virginia Tech.

D. R. **Hutchings** and J. Stasko. An interview-based study of display space management. GVU Technical Report GIT-GVU-03-17, May 2003.

D. R. **Hutchings** and J. Stasko. New operations for display space management and window management. GVU Technical Report GIT-GVU-02-18, August 2002.

Trade Press (not reviewed)

D. R. **Hutchings**, J. Stasko, and M. Czerwinski. Distributed Display Environments. interactions, vol. 12, num. 6, 2005, pp. 50 – 53. ACM Press.

Research Experience – Positions Held

Elon University Elon, North Carolina, USA

- Associate Professor with tenure, 2013-present
- Assistant Professor, 2008-2013

I am currently pursuing research in computing sciences education. In the past I have engaged in research on multi-display interaction and user authentication strategies, both independently and in collaboration with undergraduate students. I have served as research advisor to eight students.

Bowling Green State University Bowling Green, Ohio, USA

Assistant Professor, 2006 – 2008

I collaborated with M.S. students on research involving multi-display interaction and user authentication. I also engaged in research about accessibility education.

Georgia Institute of Technology Atlanta, Georgia, USA

Research Assistant, 2002 – 2006 (during non-teaching semesters)

I investigated multi-display interaction with particular focus on display space management and window management interfaces.

Microsoft Research Redmond, Washington, USA

Research Intern, Summers of 2003 & 2004

- Built and deployed VibeLog, an automated tool/system for collecting window management data on single- and multi-display systems
- Built a navigation mechanism for Scalable Fabric, a window-based task manager (see USPTO Patents #8,225,224 awarded July 2012 and #9,671,922 awarded June 2017)
- Built TaskZones, an alternative task management system for multiple-monitor environments (see USPTO Patent #7,624,354 awarded November 2009)

Miami University SUMSRI REU Program Oxford, Ohio, USA

SUMSRI: Summer Undergraduate Mathematical Sciences Research Institute

Undergraduate Researcher, Summer 1999

I developed theorems for the Cayley group tables.

Invited Talks

VisMap: Exploratory Visualization Support for Introductory Data Science and Visualization. Given at Appalachian State University Undergraduate STEM Seminar on October 28, 2016.

Managing Multiples. Given at the University of North Carolina at Greensboro Computer Science Colloquium Series on March 25, 2009.

Impossible Algorithms. Given at Baldwin-Wallace College on October 3, 2007.

Mathematics in Computer Science. Given at the Summer Undergraduate Mathematical Sciences Research Institute (SUMSRI) Lecture Series at Miami University (Ohio) on July 5, 2007.

Multiple Monitor Interfaces: Past and Future Directions. Given at Vanderbilt University Colloquium Series on April 5, 2007.

Multiple Monitor Interfaces: Past and Future Directions. Given at New Media and Emerging Technologies (NMET) research group Lecture Series at Bowling Green State University on March 19, 2007.

Other Talks

HCI Lightning Talk. Given at Elon University Spring Undergraduate Research Forum on April 27, 2010.

Managing Multiples. Given at Elon University Spring Undergraduate Research Forum on April 28, 2009.

Grants

Vismap: A System to Support Visualization Education Summer Fellowship (2015), Elon University, \$8,750.

Supporting Secure Programming Education in the IDE NSF DUE Grant #1044554 (2011), \$14,508.

Applicability of Fitts' Law on Multi-surface Displays Summer Fellowship (2011), Elon University, \$8,550.

Fitts' Law and Multiple Monitors
Hultquist Award (2009), Elon University, \$1,000.

Reviewing Activities

Journals

- CCSC Journal of Computing Sciences in Colleges (2016-18)
- CG&A IEEE Computer Graphics and Applications (2007)
- HCI Human-Computer Interaction Journal (2007, 2011-12)
- *IJHCI* International Journal of Human-Computer Interaction (2016)
- *IJHCS* International Journal of Human-Computer Studies (2008, 2017)
- ToCHI ACM Transactions on Human-Computer Interaction (2009-11, 2017)
- TVCG IEEE Transactions on Visualization and Computer Graphics (2005)

Conferences

- AMCIS Americas Conference on Information Systems (2014, 2017-18)
- CHI ACM Conference on Human Factors in Computing Systems (2004-14)
 - Special Recognition for exceptional review (2004)
- EICS ACM SIGCHI Symp. on Engineering Interactive Computing Sys. (2016)
- Eurographics Conference of the European Assoc. for Comp. Graphics (2012)
- Eurovis Eurographics Conference on Visualization (2012)
- GI Canadian Human-Comp. Comm. Soc. Graphics Interface Conf. (2005, 11)
- Infovis IEEE Information Visualization Conference (2012)
- Interact IFIP Conference on Human-Computer Interaction (2009, 2011)
- ITS ACM Intl. Conference on Interactive Tabletops and Surfaces (2010)
- Ubicomp International Conference on Ubiquitous Computing (2007, 11)
- UIST ACM Symp. on User Interface Software and Technology (2004, 6, 8-11)

Workshop

- Multiple Display Environments - CSCW - 2008

Other

- Academy of Finland - Grant Reviewing (2010; <http://www.aka.fi/en-gb/A/>)

Service

Elon University

- Member, University Curriculum Committee (UCC) (2013-14 and spring 2018)
- Member, Math/Science Divisional Curriculum Committee (spring 2018)
- Lead, Computing Sciences Adjunct Hiring (for fall 2017 and spring 2018)
- Co-advisor, SABR student organization (2017-18)
- Member, Emerging Technologies in Teaching and Learning (ETTL) Advisory Group (2016-18)
- Member, Computing Sciences Faculty Search Committee (2017-18)
- Chairperson, Computing Sciences Faculty Search Committee (2016-17)
- Chairperson, Athletics Committee (2016-17)
- Member, Athletics Committee (2014-17)
- Advisor, ACM/GCC/ISA student organization (2008-15)
- Chairperson, Computing Sciences Faculty Search Committee (2014-15)
- Chairperson, Admissions Committee (2013-14)
- Member, Admissions Committee (2012-14)
- Liaison, Elon-Skype Beta-Testing Partnership (2011-13)
- Chairperson, Academic Tech. & Computing Committee (ATACC) (2011-12)
- Member, Academic Tech. & Computing Committee (ATACC) (2010-12)
- Member, Academic Serv. Learning Faculty Fellow Search Committee (2011)

Bowling Green State University

- Advisor for undergraduate class of 2011 (Spring 2008)
- Comp. Sci. Dept. Math. and Sciences Council Representative (Spring 2008)
- Comp. Sci. Dept. Library Representative (AY 2007-8)
- College Grade Change Committee (ad hoc, Summer 2007)
- Summer Orientation and Registration of College of Arts and Science incoming freshmen (Summer 2007)

Georgia Institute of Technology - College of Computing

- Graduate Student Committee Web Page Manager (2004-2006)
- Graduate Student Committee Chairperson and Liaison to Faculty (2002)
- Activity Coordinator, Prospective Ph.D. student recruiting weekends (2001)

Other Service

- ACM Member from 2000 to present
- Student Volunteer at CHI 2006

Other Work

St. Edward's University Austin, Texas, USA

Conducted external review of Computer Sciences Department May 2016

Alston & Bird LLC Atlanta, Georgia, USA

Conducted research for patent litigation April – August, 2006

Contact Information

Post

Dugald Hutchings
2320 Campus Box
Elon, NC 27244

Phone

+1 (336) 278-6291

Email

dhutchings@elon.edu

Web

<http://facstaff.elon.edu/dhutchings/>