Ahna R. Skop, Ph.D., D.Sc.
Associate Professor
Department of Genetics & Life Sciences Communication
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Education

University of California-Berkeley, Department of Molecular and Cell Biology Mentors: *Dr. Rebecca Heald* and *Dr. Barbara Meyer, John Yates (Scripps)* NIH postdoctoral fellowship: A functional proteomic and comparative genomic approach to studying cytokinesis.	Postdoctoral
University of Wisconsin-Madison, Cellular and Molecular Biology Advisor: *Dr. John White* Thesis: Determining the mechanisms involved in cleavage plane specification and cytokinesis in *Caenorhabditis elegans*.	Ph.D.
Syracuse University, Major: Biology, Minor: Ceramics Advisor: *Dr. Kevin Van Doren* (d. 1995)	B.S.
Highlands High School, Fort Thomas, Kentucky	Diploma

Professional Experience & Employment

Affiliate Professor, University of Wisconsin-Madison, Life Science Communication	2015-present
Affiliate Professor, University of Wisconsin-Madison, Arts Institute	2015-present
SACNAS board member, elect	2014-present
Associate Professor, University of Wisconsin-Madison, Laboratory of Genetics	2011-present
Global Professor of Biology, New York University Abu Dhabi	2012-2013
Assistant Professor, University of Wisconsin-Madison, Laboratory of Genetics	2004-2011
Postdoctoral Fellow, University of California-Berkeley, Department of Molecular and Cell Biology	2000-2003
Research Assistant, University of Wisconsin-Madison, Graduate Program in Cellular and Molecular Biology	1994-2000
Lab Assistant/Lab Manager, Syracuse University, Department of Biology	1990-1994

Honors and Awards

Chancellor's Inclusive Excellence Award in Teaching	2016
National Academy of Sciences, Kavli Fontiers in Science Fellow	2015
HHMI Teaching Mentor, UW-Madison Teaching Fellows Program	2014-2015
Forward under 40 award, from the Wisconsin Alumni Association (WAA)	2010
Carl Storm Underrepresented Fellowship Awardee, Gordon Research Conference, Motile & Contractile Systems	2009
40 under 40, *In Business* Magazine award	2008
Honorary Doctorate of Science (D.Sc.), College of Saint Benedict, St. Joseph, MN	May 10, 2008
Kentucky Colonel Highest honor bestowed by the state of Kentucky to a Kentuckian	2008-present
Emerging Scholar, Class of 2008, *Diverse: Issues In Higher Education* Magazine award	January 2008
Remarkable Women in Science, AAAS	February 2008
Presidential Early Career Award for Scientists and Engineers (PECASE)	2006
Greater Milwaukee Foundation Shaw Scientist Finalist	2006
Burroughs Welcome Career Award Nominee, UC-Berkeley	2002
Ford Foundation Dissertation Fellowship, Honorable Mention	1999
ASCB Minority Poster Session Award, Honorable Mention	1996

Grants

Sloan Foundation: Scientific Communication Award for STEM Diversity Website	2015-2016
NSF Award (MCB-1158003)	2012-2016
NIH K01 Research Career Development Award (K01 HL092583)	2008-2013
NSF Faculty Early Career Development (CAREER) Award (MCB-0546398) & received **PECASE Award**	2005-2012
Major Research Instrumentation (MRI) (DBI-0520825), co-investigator, MALDI TOF-TOF mass spectrometer	2005-2008

NIH F32 Postdoctoral Fellowship (GM64159-0) 2001-2004

Advanced Opportunity Fellowship for Graduate Studies (Minority Award Fellowship) 1994-1996

Publications

Gnazzo, MM, Semaya, E, Hall, DH, Skop, AR (2016). ATX-2 regulates ER morphology and dynamics in the early *C. elegans* embryo. (in preparation).

Gnazzo, MM, Uhlemann, EME, Villarreal, A, Shirayama, M, Dominguez, EG, Skop, AR (2016). The RNA-binding protein ATX-2 regulates cytokinesis through PAR-5 and ZEN-4. *MBoC* (in revision)

Skop, AR (2016) Figure 24-9: The Midbody during Cytokinesis. Becker's World of the Cell (9th edition). Boston: Pearson ISBN 978032193425.

Gnazzo MM, **Skop AR**. (2014). Spindlegate: the biological consequences of disrupting traffic. *Dev Cell.* 2014 Mar10;28(5): 480-2. doi: 10.1016/j.devcel.2014.02.014. PubMed PMID: 24636255.

Pittmann, KJ & **Skop, AR** (2012). Anterior PAR proteins function during cytokinesis and maintain DYN-1 at the cleavage furrow in *Caenorhabditis elegans*. *Cytoskeleton*. Aug 6 2012 doi: 10.1002/cm.21053 [Epub ahead of print] PMCID: PMC3650724

Shivas, JM & **Skop, AR** (2012). *C. elegans* Arp2/3 mediates early endosomal dynamics and recycling of anterior polarity cues to promote PAR maintenance. *MBoC*. 2012 Mar 28. [Epub ahead of print] PMCID: PMC3350555

Bonner MK, Poole DS, Xu T, Sarkeshik A, Yates III JR, **Skop AR** (2011). Mitotic spindle proteomics in Chinese Hamster Ovary cells. PLoS ONE 6(5): e20489. doi:10.1371/journal.pone.0020489 PMCID: PMC3103581

Ai E, Poole DS, **Skop AR** (2011). Long astral microtubules and RACK-1 stabilize polarity domains during maintenance phase in *Caenorhabditis elegans* embryos. *PLoS ONE* 6(4): e19020. PMCID: PMC2775247

Shivas JM*, Morrison HA*, Bilder D, **Skop AR** (2010). Polarity and endocytosis: reciprocal regulation. *Trends in Cell Biology*. 20(8): 445-52. *authors contributed equally PMCID: PMC2917511

Ai E, **Skop AR** (2009). Endosomal recycling regulation during cytokinesis. *Communicative & Integrative Biology*. 2(5): 444-7. PMCID: PMC2775247

Nakayama Y*, Shivas JM*, Poole DS, Squirrell JM, Kulkoski JM, Schleede JB, **Skop AR**. (2009). Dynamin participates in the maintenance of anterior polarity in the *Caenorhabditis elegans* embryo. *Developmental Cell*. Jun; 16(6): 889-900. PMCID: PMC2719978

Ai E, Poole DS, **Skop AR** (2009). RACK-1 directs dynactin-dependent RAB-11 endosomal recycling during mitosis in *Caenorhabditis elegans*. *Molecular Biology of the Cell*. Mar; 20(6): 1629-38. PMCID: PMC2655251

Bonner MK, **Skop AR** (2008). Cell division screens and dynamin. *Biochemical Society Transactions*. Jun; 36(Pt 3): 431-5. PMCID: PMC3660067

Zhang H, **Skop AR**, White JG (2008). Src and Wnt signaling regulate dynactin accumulation to the P2-EMS cell border in C. elegans embryos. *Journal of Cell Science*. Jan 15; 121(Pt 2): 155-61. PMID: 18187449

Dinkelmann MV, Zhang H, **Skop AR**, White JG (2007). SPD-3 is required for spindle alignment in *Caenorhabditis elegans* embryos and localizes to mitochondria. *Genetics*. Nov; 177(3): 1609-20. PMCID: PMC2147968

Konopka CA, Schleede JB, **Skop AR**, Bednarek SY (2006). Dynamin and cytokinesis. *Traffic*. Mar; 7(3): 239-47. PMCID: PMC3654675

Otegui MS, Verbrugghe KJ, **Skop AR** (2005). Midbodies and phragmoplasts: analogous structures involved in cytokinesis. *Trends in Cell Biology*. Aug; 15(8): 404-13. PMCID: PMC3677513

Skop AR, Liu H, Yates J 3rd, Meyer BJ, Heald R (2004). Dissection of the mammalian midbody proteome reveals conserved cytokinesis mechanisms. *Science*. Jul 2; 305(5680): 61-6. PMCID: PMC3679889

Thompson HM*, **Skop AR***, Euteneuer U, Meyer BJ, McNiven MA (2002). The large GTPase dynamin associates with the spindle midzone and is required for cytokinesis. *Current Biology*. Dec 23; 12(24): 2111-7. *authors contributed equally PMCID: PMC3690653

Skop AR, Bergmann D, Mohler WA, White JG (2001). Completion of cytokinesis in *C. elegans* requires a brefeldin A-sensitive membrane accumulation at the cleavage furrow apex. *Current Biology*. May 15; 11(10): 735-46. PMCID: PMC3733387

Skop AR, White JG (1998). The dynactin complex is required for cleavage plane specification in early *Caenorhabditis elegans* embryos. *Current Biology*. Oct 8; 8(20): 1110-6. PMCID: PMC3690630

Distinguished Lectureships & Keynote Talks (* denotes underrepresented groups)

*University of Alabama at Birmingham Outstanding Women in Science Series, Keynote Nov 1st, 2016

Distinguished Lectureships & Keynote Talks (* denotes underrepresented groups)

*WISE keynote speaker (Women In Science and Engineering), career talk	October 25th, 2016
*Cal State University-Northridge, MARC/RISE keynote speaker, "Too creative for science?"	October 6th, 2016
*UW-Madison Postdoctoral Association Symposium, Keynote speaker	Sept 20th, 2016
*NY Institute of Technology, Keynote speaker at SOURCE event (science and art), "The mystery and beauty of cell division"	April 15th, 2015
*UC-Boulder, Signaling Cellular Regulation Training Program (NIH), Keynote speaker, "The mystery and beauty of cell division"	December 1st, 2015
*Northeastern Illinois University, Keynote speaker, "Too creative for science?"	November 19th, 2015
*UC-Boulder, Signaling Cellular Regulation Training Program (NIH), Keynote speaker, "The mystery and beauty of cell division"	December 1st, 2015
*Ana G. Mendez University System, Pre-College Symposium, Keynote (Initiative for Maximizing Diversity), "Too creative for science?", NSF funded program	May 16th, 2015
*University of Hawaii-Hilo, Keynote (Campus Diversity Meeting/SACNAS)	April 18th, 2015
*Wright State, Keynote speaker, "Too creative for science?"	March 30th, 2015
*UNC Distinguished Lecture, IMSD (Initiative for Maximizing Student Diversity) Research Symposium, University of North Carolina-Chapel Hill, student-invited speaker	Nov 6th, 2014
*SANCAS meeting Keynote, "Too creative for science", Los Angeles, CA (taped version on YouTube)	Oct 15th, 2014
NYU-Abu Dhabi, Distinguished Lecture Series, speaker, "Too creative for science"	December 5th, 2011
New Media Consortium Summer Conference, *Keynote Speaker*, "Too creative for science", sponsored by Apple & Adobe (can find taped version on iTunes)	June 14th, 2011
*Children's Hospital of Philadelphia, University of Pennsylvania, "Genetically an artist: How the arts influenced my career in science", keynote speaker at National Postdoc Appreciation Week	September 20, 2010
College of St. Benedict's, St. Cloud, MN, Commencement Speech	May 10, 2008

Invited Talks (* denotes underrepresented groups)

University of Oregon, Eugene, "The mystery and beauty of cell division"	May 30th, 2017
Madison Science Museum, Keynote, public, science and art	November 5th, 2016
*University of Alabama at Birmingham Outstanding Women in Science Series, Keynote	Nov 1st, 2016
*Cal State University-Northridge, MARC/RISE keynote speaker, "Too creative for science?"	October 6th, 2016
*UW-Madison Postdoctoral Association Symposium, Keynote speaker	Sept 20th, 2016
Iowa State University, GDCB Department Seminar, "The mystery and beauty of cell division?"	Sept 14th, 2016
Iowa State University, University Public Lecture Series, Keynote, "Too creative for science?"	September 12, 2016
*iBiology Google Hangout, "Getting the most out of a conference"	July 21st, 2016
*UC-Boulder, Signaling Cellular Regulation Training Program (NIH), Keynote speaker, "The mystery and beauty of cell division"	December 1st, 2015
*Northeastern Illinois University, Keynote speaker, "Too creative for science"	November 19th, 2015
Ithaca College, Invited speaker, "The mystery and beauty of cell division"	October 2nd, 2015
SUNY Upstate, Invited speaker, "The mystery and beauty of cell division"	September 30th, 2015
Washington State University-Pullman, Invited speaker, "The mystery and beauty of cell division"	September 3rd, 2015
*Ana G. Mendez University System, Pre-College Symposium, Keynote (Initiative for Maximizing Diversity), "Too creative for science", NSF funded program	May 16th, 2015
*University of Hawaii-Hilo, Keynote (Campus Diversity Meeting/SACNAS)	April 18th, 2015
*Wright State, Keynote speaker, "Too creative for science"	March 30th, 2015
ASCB Minisymposium Speaker: The mechanics of cell division session- "Profiling the metaphase spindle proteome reveals OSTD-1, a N-glycosylation protein, as playing a role in cytokinesis and ER morphology"	December 10, 2014
*UNC Distinguished Lecture, IMSD (Initiative for Maximizing Student Diversity) Research Symposium, University of North Carolina-Chapel Hill, student-invited speaker	Nov 6th, 2014
*SANCAS meeting Keynote, "Too creative for science", Los Angeles, CA	Oct 15th, 2014
UC-Davis Invited Speaker, "Unraveling the secrets of asymmetric cell division"	November 14th, 2013

Invited Talks (* denotes underrepresented groups)

Chicago Cytoskeleton Invited Speaker, "Cell asymmetry and cell division in *C. elegans* embryos", Chicago, IL	March 15th, 2013
McPherson Eye Research Institute, "Cell division in *C. elegans* embryos", Madison, WI	March 12th, 2013
Michigan Tech Invited Speaker, "Too creative for science", Houghton, MI	March 1st, 2013
New York University Invited Speaker, "Cell asymmetry and cell division in *C. elegans* embryos", NYC, NY	April 23rd, 2012
University League Invited Speaker, "Too creative for science", Madison, WI	March 15th, 2012
NYU-Abu Dhabi, "How membrane trafficking contributes to cell polarity and cytokinesis"	December 6th, 2011
NYU-Abu Dhabi, Distinguished Lecture Series, speaker, "Too creative for science"	December 5th, 2011
New Mexico State University, Department of Biology and Minority Access to Research Careers (MARC) Program	November 15, 2011
*SACNAS meeting, 2011, San Jose, CA, "Value of Doing a postdoc" & "NSF Broader Impacts"	October 28-29, 2011
Wisconsin Science Festival, Madison, WI, Lecture on creativity in science	Sep 23rd, 2011
New Media Consortium Summer Conference, *Keynote Speaker*, "Too creative for science" http://www.nmc.org/2011-summer-conference/keynotes, sponsored by Apple & Adobe	June 14th, 2011
*New Mexico State University, Department of Biology and Minority Access to Research Careers (MARC) Program	November 9, 2010
*Children's Hospital of Philadelphia, University of Pennsylvania, "Genetically an artist: How the arts influenced my career in science", keynote speaker at National Postdoc Appreciation Week	September 20, 2010
Developmental Biology Meeting, Albuquerque, NM, invited seminar speaker-cell polarity	August, 2010
NSF Career Awardees Meeting, teaching presentation	June 19th, 2010
University of Colorado-Boulder, Dept. of Molecular, Cell and Developmental Biology	April 1, 2010
NIH NIGMS Workshop for Postdocs Transitioning to Independent Positions, invited speaker	March 12, 2010
*New Mexico State University, Department of Biology and Minority Access to Research Careers (MARC) Program	October 21, 2009
Exciting Biologies: Biology in Balance Meeting, Buenos Aires, Argentina, Sponsored by Cell	October 8-10, 2009
Gordon Research Conference: Motile & Contractile Systems	July 13, 2009
University of Utah, Dept. of Biology	October 12, 2008
New York University, Dept. of Biology & Developmental Genetics of the NYU Sackler Institute	August 12, 2008
Bascom Hill Society Showcase Lecture, UW-Madison	July 22, 2008
College of St. Benedict's, St. Cloud, MN, Commencement Speech	May 10, 2008
University of California-Santa Cruz, Molecular Cell & Developmental Biology	May 5, 2008
*Junior Science, Engineering, and Humanities Symposium, "Mechanisms of Cytokinesis" presentation	May, 2008
Visualizing Science Meeting, sponsored by the Visual Culture Program, UW Madison	February 8, 2008
*Wisconsin Region National Science Competition for High School Students	February 16th, 2008
Mechanics and Control of Cytokinesis, Edinburgh, UK	January 11, 2008
Hong Kong University of Science and Technology, Division of Life Sciences	May 30, 2007
Peking University, Beijing, China, School of Life Sciences	May 22, 2007
National Institute of Biological Sciences (NIBS), Beijing, China	May 21, 2007
*SACNAS meeting, Molecular Motors and Cellular Movements	October 2006
Vanderbilt University, Dept of Biochemistry	September 2006
*University of Wisconsin-Whitewater, Dept. of Biology	March 24, 2006
RIKEN Center for Developmental Biology, Kobe, Japan	October 2005
Japanese Biochemical Society, invited symposium speaker, Kobe, Japan	October 2005
Queens College, Dept. of Biology	September 2005

Conference Presentations & Posters

Kavli Meeting Poster: The mystery and beauty of cell division	August , 2015
ASCB Meeting, The mechanics of cell division, session chair and speaker	December, 2014
ASCB meeting, poster presentation on teaching	December 2010
ASCB Meeting, Cytokinesis Mini-symposia, speaker	December 2002
West Coast Worm Meeting, Genomics Session, UCSD, speaker	2002

Conference Presentations & Posters

BARC (Bay Area Research on the Cytoskeleton), UCSF, speaker	January 2001
Midwest Worm Meeting, University of Minnesota, speaker	2000
ASCB Meeting, Cytokinesis Subgroup Meeting, speaker	December 1999
International *C. elegans* Meeting, Meiosis, Mitosis and Cell Division Session,speaker	1999
ASCB Meeting, Cytoskeleton in Polarity and Development Mini-symposia, speaker	December 1998
Midwest *C. elegans* Meeting, University of Chicago, speaker	1998
ASCB Meeting, Dynein/Dynactin subgroup meeting, speaker	December 1997
Ronald McNair Symposium, speaker	February 26, 1996
The First South African International Symposium and Microscopy Course on Cellular and Molecular Strategies of Development, *Ex Ovo Omnia: From the Egg, Everything*. Johannesburg, South Africa, student in course	January 7-24, 1996

Teaching Experience

Genetics 564: Genomic & Proteomics Analysis, sole instructor and developer, 3 credits, spring semesters (http://genetics564.weebly.com/) officially a **CAPSTONE Course**	2014-present Spring semesters
FoS5: Biology & Optical Physics, team taught course at NYU-Abu Dhabi (teaching sabbatical)	Fall of 2012 & 2013
Genetics 677: Introduction to Genomic and Proteomic Analysis, sole instructor and developer, 3 credits, spring semesters (http://gen677.weebly.com/index.html) *(became Genetics 564)*	2009-2013 Spring semesters
Genetics 708: Methods and Logic in Genetic Analysis, instructor with Dr. Xin Sun, 3 credits (http://web.mac.com/ahna_skop/Genetics708/Gen708.html)	Spring 2008
Genetics 703: Special Topics: Eukaryotic Regulation, spring semesters, one lecture per semester	2006-2008 Spring semesters
Genetics 875: Genomics and Proteomics-Methods and Theory, instructor with Dr. Nicole Perna and Dr. Audrey Gasch, 3 credits, fall semesters (http://skop.genetics.wisc.edu/Genetics875.html)	2005-2007 Fall semesters

Teaching Presentations

Genetics Society of America TAGC meeting, "No Lectures Here: How an active and problem-based learning classroom in genomics transformed the confidence creativity and communication skills of all students", Orlando, FL	July 13-16th, 2016
UW-Madison Teaching and Learning Symposium invited speaker, "No Lectures Here: How an active and problem-based learning classroom in genomics transformed the confidence creativity and communication skills of all students", Campus Teaching and Learning Conf.	May 20th, 2015
ASCB meeting, poster presentation on teaching	December 2010
NSF Career Awardees Meeting, invited teaching presentation	June 2010
NIH Postdoctoral Mentoring Meeting, invited panel speaker	March 10-12, 2010

Science Education

NOVA Education Advisory Board	2015-present
HHMI Teaching Fellows Faculty Mentor, mentored Benjamin Minkoff and Sarah Neuman (Fall-attended course with students, Spring-students teach with me)	Fall, Spring 2014-15
Delta Program, Instructional Materials Development course, UW Madison, taken with Genetics Ph.D. student David Berry	Spring, 2009

Mentoring (*denotes underrepresented student)

Postdocs

Dr. Yuji Nakayama, postdoc and then visiting scientist from Chiba, Japan	2006-2008

Graduate Students

*Jennifer Gilbert, Ph.D.student in Genetics	2016-present

Mentoring (*denotes underrepresented student)

Kathryn VandenHeuvel, Ph.D. student in Genetics (Mastered out)	2015-2016
Angela Johnson, MFA student, art student in the lab	2014-present
*Megan Gnazzo, Ph.D. student in Genetics	2011-present
Kelly Pittman, Ph.D. student in CMB	2009-2011
Mary Kate Bonner, Ph.D. student in Genetics	2006-2013
Jessica Shivas, Ph.D. student in Genetics	2006-2012
Dr. Erkang Ai, Ph.D. in Genetics	2004-2010
Dr. Justin Schleede, Ph.D. received his Ph.D. in Genetics from the lab of Seth Blair	2004-2006

Undergraduate & Summer REU Students (*denotes underrepresented student)

Idanis Sanchez, REU, summer research, from University of Puerto Rico-Ponce	summer 2016
Amanda Dlugi, REU, summer research, from Alverno College	summer 2015
*Olushola Kemi Olukoga, undergrad work study students, sophomore	summer 2015-2016
*Elisa Sanchez, REU, summer research, from NMSU	summer, 2014
*Prenicia Gant, REU, summer research, from Grambling State Univ.	summer, 2014
*Amy Ochola, undergrad work study student, POSSE student, freshman	2013-2015
*Alex Villarreal, undergrad work study student, POSSE student, freshman	2013-present
Mikayla Simons, Undergrad student, sophomore, 152 student (Spring, 2014)	2013-presenet
Josh Bartlett, undergraduate student hourly, sophomore	2012-2014
*Florencia Visconti, REU summer research, from NMSU	Summer, 2012
*Farinoosh Dadrass, undergraduate student hourly, junior	2012-2013
Chris Hutson, undergraduate student hourly, sophomore	2011-2012
Chanel Matsunami Govreau, undergraduate performance art student collaborator	Spring, 2011
Yamini Karandikar, undergraduate research assistant, freshman	Spring, 2011
*Eddie Dominguez, REU summer research, from New Mexico State University	Summer, 2011
*Clayton Gorman, REU summer minority undergraduate research, from New Mexico State University	Summer, 2010
Curtis Bartosz, undergraduate research and student hourly, sophomore	2009-2010
*Kristin Waukau, REU summer minority undergraduate research, from the College of the Menominee Nation, Keshena, WI	Summer, 2009
*Candice Teschner, undergraduate student hourly	2009
Melissa Li, undergraduate research, will be in graduate school at Washington University (St. Louis) Fall 2011	2008-2011
A.J. Becker, undergraduate student hourly	2008-2010
Ryan Ruf, undergraduate research and student hourly	2007-2009
Brittney Bailey, undergraduate student hourly	2007-2009
Bo Hwa Han, undergraduate research on cytokinesis and student hourly	2007-2008
Jen Kulkoski, undergraduate research on cell polarity and Biology 152 student	2006-2008
Thomas Dietz, undergraduate research on RACK-1 and cytokinesis and Biology 152 student	2006-2007
Amanda Amodeo, undergraduate research on DYN-1 in cytokinesis, currently a glorified postdoc at Princeton Univ.	2005-2008
Megan Missaggia, undergraduate research on cytokinesis and student hourly	2005-2007
Yunsik Kang, undergraduate research on DYN-1 and DIP-1 in cytokinesis, currently a Ph.D. student at UW-Madison in Genetics in the lab of Arash Bashirulla	2005-2006
Christie Maier, undergraduate research on RACK-1 in cytokinesis	2005-2006
Amy Thurber, from Kenyon College, summer undergraduate research	Summer, 2005

Project Assistants

Arun Kumaran, project assistant on the midbody proteome	2005
Leonard George, project assistant on the midbody proteome	2004-2005

High School Students

Maddie Pritzl, Sun Prairie High School	Summer, 2014
*Randi Schuman, PEOPLE program, summer minority high school student, from Lac du Flambeau, WI , project on DYN-1 in cytokinesis	Summer, 2009

Mentoring (*denotes underrepresented student)

*Jasmine Staples, summer minority high school student volunteer, from Philadelphia, PA	Summer, 2009
Amanda Savagian, summer high school student volunteer	Summer, 2008

Lab Managers/Technicians

Eva Uhlemann	5/2014-5/2015
Amanda Hulfachor, research associate	2/2014-2/2015
Lan Qin, research associate	2013-2014
Daniel Poole, lab manager	2005-2012
Maggie Forrestal, technician	2004-2005

Ph.D. Dissertation Committees: (year marks graduation date) * underrepresented

*Ed Suarez-Zayes (Neuroscience: Gomez Lab)	2016-present
Eamon Winden (Genetics: Schwartz Lab)	2016-present
Christina Scribano (MCP: Weaver Lab)	2016-present
Caitlin Short (Neuroscience: Gomez Lab)	2016-present
*Andy Madrid (Neuroscience: Alisch Lab)	2016-present
Annette Dean (Genetics: Sun Lab)	2016-present
Randee Young (Genetics: Sun Lab)	2016-present
Erica Macke (Genetics: Ikeda Lab)	2015-present
Steven Nolan (Life Sciences Communication: Reaves) (Masters)	2015
Sihui Yang (CMB: Wildonger Lab)	2015-present
*Ariel Cyrus (Genetics: Grinblat Lab)	2014-present
*Elaine Welch (Genetics; Pelegri Lab)	Current
Sarang Brahma (MCP; Burkhard Lab)(Masters)	2014-2015
*Andrew Hasley (Genetics: Pelegri Lab)	2011-2016
Aaron Lomax (Genetics; Vierstra Lab)	2013
Angela Kita (CMB; Bement Lab)	2013
Lori Scardino (CMB; Sondel Lab)	2012
Marcus Miller (Genetics; Vierstra Lab)	2012-2015
Celeste Eno (Genetics: Pelegri Lab)	2012-present
Natalya Morsci (CMB; Barr Lab)	2012-2014
Yunsik Kang (Genetics: Bashirulla Lab)	2012-present
Robb Stankey (Genetics; Vierstra Lab)	2014-2016
Stacey Kigar (Pharmacology; Bement Lab)	switched labs
Tim Loveless (CMB; Hardin Lab)	2011
Allison Lynch (Genetics; Hardin Lab)	2011
Celeste Eno (Genetics: Pelegri Lab)	2011 2-present
Xiaoyan Ge (Genetics; Pelegri Lab)	2011
Thomas Lenz (CMB; Loeb Lab)	2011
*Bharti Solanki (Genetics; Pelegri Lab)	2009
Lori O'Brien (Biochemistry; Weise Lab)	2008
Haining Zhang (Genetics; White Lab)	2006
*Renee Engle (Genetics; Barr Lab)	2005

Ph.D. rotation students mentored:

Leah Frater (Genetics, 2004), Xinjie Xu (Genetics, 2004), Andrei Avanesov (Genetics, 2004), Erica Andersen (Genetics, 2005), Allison Lynch (Genetics, 2005), Wei Shen (Genetics, 2005), Suraiya Haroon (Genetics, 2005), Yunsik Kang (Genetics, 2008), Celeste Eno (Genetics, 2009), Scott Gratz (Genetics, 2009), Nick Davenport (CMB, 2009), Amy Jancewicz (Biochemistry, 2010), Chrissy Holguin (Genetics, 2010); April Peterson (Genetics; 2013), Tim Catlett (CMB, 2013), Netta Golenburg (CMB, 2013); Kati Seitz (Genetics; 2014); Kathryn VandenHeuvel (Genetics; 2014)

Departmental Service

Genetics Department Diversity Affairs Committee (Chair)(started this committee)	2008-present
Genetics Department Advisor, Undergraduate	2004-2015
Genetics Department Confocal Facility manager	2008-2012
Genetics Department: Diversity website (http://www.genetics.wisc.edu/652.htm)	2009, 2015
Genetics Department 2010 Centennial Committee	2008-2010
Genetics Department Undergraduate Curriculum Committee	2007-present
Genetics Department Undergraduate Advisor	2005-present
Genetics Department Admissions Committee	2005-2006;2015-2016
Genetics Department Prelim Committee	2004-2006

University Leadership and Committee Positions

UW-Madison Arts Institute, (Executive Committee)	2015-present
CALS Equity and Diversity Committee, (Chair)	2014-present
SACNAS Chapter Advisor	2014-present
CALS Equity and Diversity Committee	2012-present
CALS Curriculum Committee	2013-2014
STEM Posse Advisory Board, member	2011-present
Bouchet Society Section Committee	2010-present
SciMed GRS (Science and Medicine Graduate Research Scholars) Faculty Advisory Committee	2008-present
CALS Undergraduate Recruitment and Retention Committee	2008
Wisconsin Institute of Discovery: Creating Collisions between Humanities, Arts and Sciences Committee	2008-2009
Eye Research Institute, Education Committee	2008-2009
Bascom Hill Society Showcase Lecture, UW-Madison	July 22, 2008
MicroExplorers, outreach, team member	2007-2012
Graduate Program in Cellular and Molecular Biology (CMB) alumni relations (Chair)	2007-2009
CALS trip to China with Chancellor Wiley	May 2007
CALS Study Abroad Committee	2006-2008
Molecular Biology Major Advisory Committee and undergrad advisor	2006-2015

Campus Appointments and Affiliations

UW-Madison Art Institute: Executive Committee
Graduate Program in Cellular and Molecular Biology, trainer
Molecular Biosciences Training Grant, trainer
Genomic Sciences Training Program, faculty trainer
Center for Visual Cultures, faculty trainer
McPherson Eye Research Institute, member, former steering committee member
Molecular Biosciences Training Grant, faculty trainer

Professional Service

NOVA Education Advisory Board	2015-present
NIH Study Section, NCSD, permanent member	2014-2018
SACNAS Board Member Elect	2014-2016
2013 Women in Cell Biology Committee Career Discussion and Mentoring Roundtables	December 10, 2013
NIH Study Section, NCSD (permanent member)	2015-2018
2010 Women in Cell Biology Committee Career Discussion and Mentoring Roundtables	December 13, 2010
NSF Study Section, Cell division and Cytokinesis	October 2010
NIH NIGMS Workshop for Postdocs Transitioning to Independent Positions, invited panel speaker	March 11-12, 2010
Wisconsin Region National Science Competition for High School Students, invited speaker	February 2008

***ad hoc* reviewer for the following journals:**

Developmental Cell, Briefings in Functional Genomics and Proteomics, Current Biology, Current Opinion in Cell Biology, European Journal of Cell Biology (EJCB), Genes & Development, Genesis, Journal of Cell Science (JCS), Journal of Cell Biology (JCB), Molecular Biology of the Cell (MBoC), Nature, Nature Cell Biology, PLoS One, Plos Journals, Science	2004-present

Symposia and Meeting Organization

Local Organizer-*C. elegans* Topic Meeting: Aging & Stress	2016
Organizing Committee-20th International *C. elegans* Meeting, UCLA	2015
Head Co-organizer-4th biennial *C. elegans* Topic Meeting: Development, Nara, Japan	2014
Organizing Committee-19th International *C. elegans* Meeting, UCLA	2013
Head Organizer-3rd biennial *C. elegans* Topic Meeting: Development	2012
Organizing Committee-18th International *C. elegans* Meeting, UCLA	2011
Local Organizer-3rd biennial *C. elegans* Topic Meeting: Neurobiology	2010
Head Organizer- 2nd biennial *C. elegans* Topic Meeting: Development & Evolution	2008
Local Organizer- 2nd biennial *C. elegans* Topic Meeting: Neurobiology	2008
Local Organizer- 2nd biennial *C. elegans* Topic Meeting: Aging & Stress	2008
Head Organizer- 1st biennial *C. elegans* Topic Meeting: Development & Evolution	2006
Head Organizer- 1st biennial *C. elegans* Topic Meeting: Neurobiology	2006
15th biennial International *C. elegans* Conference, plenary session co-chair	June 25, 2005
ASCB Meeting, Cytokinesis and Cellularization Mini-symposium, invited co-chair	December 5, 2004

Symposia and Meeting Organization

ASCB Meeting, Mechanisms of Cytokinesis in Diverse Organisms, session chair and organizer	December 2000

Outreach: Minority Recruitment and Retention (campus and nationally)

SACNAS Chapter Advisor	2014-present
POSSE student visit to lab during SOAR	2013-2014
STEM Posse Advisory Board, member	2011-present
Bouchet Society Selection Committee	2010-present
SciMed GRS (Science and Medicine Graduate Research Scholars) Faculty Advisory Committee	2008-present
New Mexico State Univ. recruitment with Assistant Dean Dorothy Sanchez and McNair student interviews	2009-2015
SACNAS: CALS and Graduate School Minority Recruitment	2004-present
Mentor to Integrated Biological Sciences Summer Research Program (REU) 10 week program, one minority undergraduate student in our lab per summer	2009-2015
Mentor for minority high school student Jasmine Staples from Philadelphia, PA, summer research volunteer	August 2009
Mentor for minority high school student Randi Schuman from the Lac du Flambeau reservation, summer research in Skop Lab as part of the People Program	summer 2009
CALS Undergraduate Recruitment and Retention Committee	2008
Bascom Hill Society Showcase Lecture, UW-Madison	July 22, 2008
AISES Chapter Advisor	2007
Lab visits by Upward Bound students to the Skop Lab	2006, 2007
Native American outreach, recruitment of Native Americans to the sciences and the campus via SACNAS meetings, National McNair Research Conference and Graduate Fairs in Delevan, WI, and AISES meetings	2005-present
Lab visits by Menominee High School students to the Skop Lab	2005, 2006

Scientific Art & Outreach

"Cool Science Images" digital scientific art show at UW-Madison , part of The Why Files, curatorial committee	Springs 2012-15
"Tiny: Art From Microscopes at UW-Madison" scientific art show at the Ebling Library, curatorial committee	March 2011
Textbook image: "*C. elegans* microtubule dynamics in the early embryo" in Biology, Brooker *et al.*, 2nd edition	2010
"Science & Art" traveling scientific art show, by the Science Museum of Minnesota for the Arkansas Discovery Network, consultant, NSF funded (http://www.arkansasdiscoverynetwork.org/rent_science_and_art/)	2009-present
"Tiny: Art From Microscopes at UW-Madison" scientific art show at the Dane County Regional Airport, curatorial committee	April-Dec 2009
Wisconsin Task Force on Arts and Creativity in Education, statewide task force member (http://www.creative.wisconsin.gov/)	2008-present
Art show at College of Saint Benedict, St. Joseph, MN, artist	May 2008
Textbook image: "Dividing CHO cells", an image that appeared in Science 305:61, 2004, Fig 1a, showing the microtubule-containing midbodies between dividing CHO cells, in Cell And Molecular Biology, by Gerald Karp, 5th edition	2008
Southern Graphics Council collaboration with Jonas Angelet, art work inspired by cell division	2006
"Dynamic Elements"- a multi-media concert by Mark Hetzler and Katrin Talbot, consultant, *C. elegans* movies were used	2006
Freelance graphic design job, Cytoskeleton Inc., product label design and catalog cover	January-March 2000
International *C. elegans* Art Show founder and organizer, at the biennial International *C. elegans* Meeting (http://www.celegans.org/2011/pages/highlights.shtml#2)	1997-present
Logo design for the biennial International *C. elegans* Meeting abstract book and website	1997-2012

Articles about or featuring Ahna Skop or the Skop Lab

"One man's trash…", The Scientist, Dec. 1st, 2013, http://www.the-scientist.com/?articles.view/articleNo/38397/title/One-Man-s-Trash---/	December 1st, 2013
"Intriguing Art from the University of Wisconsin", Smithsonianmag .com	April 19th, 2013
"Ahna Skop: Capturing the Dance of the Cells" (http://www.apple.com/science/profiles/skop/)	March 2010
Press Release "Forward under 40 awards honor 12 young UW-Madison alumni" http://www.news.wisc.edu/17749	March 2010
"Ahna Skop: In Search of the Midbody"(http://www.apple.com/science/insidetheimage/skop/	2009
"Tiny: Art From Microscopes" (http://www.pbs.org/newshour/indepth_coverage/entertainment/art/tinyart/index.html?type=flash)	August 2009

Articles about or featuring Ahna Skop or the Skop Lab

"Tiny World, Big Art in Madison" on Art Beat blog (http://www.pbs.org/newshour/art/blog/2009/08/tiny-world-big-art-in-madison.html	August 2009
"Teeny Tiny Art" by Claire O'Neill on The Picture Show (http://www.npr.org/blogs/pictureshow/2009/05/teeny_tiny_art.html)	May 2009
"Seeing Things" by April Fulton on Shots: NPR's Health Blog (http://www.npr.org/blogs/health/2009/05/seeing_things.html	May 2009
"Tiny art goes on display in Madison airport" (http://www.usatoday.com/travel/flights/2009-04-20-madison-airport-art_N.htm)	April 2009
"Art of the very, very small to debut at Dane County Airport" by Terry Devitt (http://www.news.wisc.edu/16566)	April 2009
"Macroscopic" in News & Notes in *On Wisconsin* (http://onwisconsin.uwalumni.com/departments/macroscopic/)	Spring 2009
"Balancing Life and Science" by Jennifer Evans in *The Scientist* http://www.the-scientist.com/?articles.view/articleNo/27031/title/Balancing-Life-and-Science/	January 2009
"A scientist trapped in an artist's body" by Margaret Guthrie in *The Scientist* (http://www.the-scientist.com/?articles.view/articleNo/26737/title/A-scientist-trapped-in-an-artist-s-body/	September 2008
"Alumna Profile: Ahna Skop, Ph.D. '94" in the BIO@SU newsletter from the Department of Biology at Syracuse University	Summer 2008
"Area Scientist Turns 'Cellular Trash' into Award from Bush" by Ellen Williams-Masson (http://www.ewmmedia.com/Site/Science_&_Health_Clips_files/FortéJune2008%3ASkop%3AEWMMedia.pdf	June 2008
"With cell as muse, art fuels scientist's quest" by Terry Devitt (http://www.news.wisc.edu/15115)	April 2008
Press Release "CSB commencement set for May 10" (http://www.csbsju.edu/news/csb_commencement08.htm)	April 2008
Remarkable Women in Science, AAAS (http://sciencecareers.sciencemag.org/tools_tips/outreach/loreal_wis/l_oreal_women_in_science_booklet)	February 2008
"Following the Image" by Anne Sasso in *Science Careers* online, a career profile (http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2008_01_18/caredit.a0800010)	January 2008
"Emerging Scholars: Class of 2008" in *Diverse: Issues In Higher Education* (http://diverseeducation.com/article/10483/)	January 2008
Press Release 07-164 "Beginning Scientists Receive Presidential Awards" (http://www.nsf.gov/news/news_summ.jsp?cntn_id=110588)	2007
"Cultivating Change: How Cells Divide" in CALS *Science Report 2006-2007*	2007
"Two UW research scientists honored" by Heather LaRoi in the *Wisconsin State Journal* (http://host.madison.com/news/local/article_194012c3-4b0f-5644-9c3a-cd3191b405c4.html)	November 1, 2007
"Two UW faculty members win presidential science awards" by Staci Taustine in the *Daily Cardinal*	November 2007
"U.S. honors 2 UW science researchers" by Sean Sullivan in the *Badger Herald*	November 5, 2007
"Got MudPIT?" by James Netterwald in *Drug Discovery & Development*(http://www.dddmag.com/MudPIT-combines-LC-and-MS.aspx)	January 2007
"Proteomics power to the people!" by John Yates III in *The Scientist* (http://f1000scientist.com/article/display/15222/)	January 2005
Research Highlight "Cytokinesis: A good place to start" by Arianne Heinrichs in *Nature Reviews Molecular Cell Biology* (http://www.nature.com/nrm/journal/v5/n7/full/nrm1440.html)	July 2004
"How to Get the Hang of Proteomics as a Cell Biologist" in *ProteoMonitor* (http://www.genomeweb.com/proteomics/ahna-skop-how-get-hang-proteomics-cell-biologist)	July 2004
"UW-Madison Scientists Find A Key To Cell Division" in Science Daily (http://www.sciencedaily.com/releases/2004/05/040527234509.htm)	May 2004

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