# June 2018

# Kelly A. Hogan

**Assistant Dean for the Office of Instructional Innovation**

**QEP Director**

**College of Arts & Sciences**

**STEM Teaching Professor in Biology**

919-843-6047

104B Wilson Hall, CB#3280

University of North Carolina at Chapel Hill

**Personal:**

* Safe Zone Certified (LGBTQ awareness training)
* Green Zone Trained (Veteran awareness training)
* Mental Health First Aid Certification
* Carolina First Advocate (Certification and advocacy for first generation college students)

**Education**:

*University of North Carolina (Chapel Hill, NC)* 1996-2001

Ph.D., Pathology and Laboratory Medicine

Doctoral Advisor: Dr. Susan T. Lord

*Doctoral Research*: The Role of Variant Fibrinogen and Increased Plasma

Fibrinogen Levels in Thrombotic Disease.

*The College of New Jersey (Ewing, NJ)* 1992-1996

B.S., Biology, *Summa cum laude*

**Professional Experience**:

Quality Enhancement Plan (QEP) Director for UNC-CH 2017-

Assistant Dean of the Office of Instructional Innovation for the College of A&S 2017-

Director of the Office of the Instructional Innovation for the College of A&S 2014 -2016

*University of North Carolina-CH*

STEM Teaching Professor in Biology, *University of North Carolina-CH* 2018- current

STEM Teaching Associate Professor in Biology, *University of North Carolina-CH* 2017-2018

Senior STEM Lecturer in Biology, *University of North Carolina-CH* 2014 -2017

Senior Lecturer in Biology, *University of North Carolina-CH* 2010-2013

Lecturer in Biology, *University of North Carolina-CH* 2004-2011

Post-doctoral Fellow, *University of North Carolina (Department of Biology)* 2001-2004

*Post-doctoral research:* Blood vessel patterning in mouse development.

Sponsor: Dr. Victoria L. Bautch

Honors:

Biology Department Instructor of the Year 2016

*A student nominated/chosen award*

News and Observer’s Tarheel of the Week 2015

National Academic Advising Association (NACADA)’s Outstanding 2015

Advising Award for Faculty Academic Advising

Tanner Award for Excellence in Undergraduate Teaching 2015

*Campus-wide award*

Carolina Women’s Leadership Council Faculty Mentoring Award 2014

Bryan Public Service Award, UNC

*Campus-wide award*  2014

National Academies Education Mentor in the Life Sciences 2012-2015

Delta Upsilon Fraternity/ADPi Sorority Teaching Award, UNC 2012

*A student nominated/chosen award*

Institute for the Arts and Humanities (IAH) Fellow, UNC 2012

National Academies Education Fellow in the Life Sciences 2011

Spirit of Inquiry Award, Pope Foundation for Higher Education 2011

*A statewide, student-nominated, committee chosen award*

Biology Department Instructor of the Year 2011

*A student nominated/chosen award*

Chapman Family Award, UNC 2011

*A campus wide Chancellor’s Award*

Student Undergraduate Teaching and Staff Award, UNC 2010

*A Campus-wide, student nominated/chosen award*

Bibliography:

**Books and Chapters**

Reece, J.B., Taylor, M.R., Simon, E.J., Dickey, J.L., **Hogan, K.A.** (2017). Campbell Biology: Concepts and Connections. 9th edition. Pearson Education, Inc. **ISBN-10:** 013429601X

Simon, E.J., Dickey, J.L., Reece, J.B., **Hogan, K.A.** (2015) Campbell Essential Biology, Pearson Education, Inc. ISBN-10 032196750X

Hogan, K.A., Krumper,J. McNeil, L.E. Crimmins, M.T (2015) **Advancing Evidence-Based Teaching in Gateway Science Courses through a Mentor-Apprentice Model**. In Weaver, G.C., Burgess, W.D., Childress, A.L. and Slakey, L (Eds). *Transforming Institutions: Undergraduate STEM Education for the 21st Century* Purdue University Press. p77-89.

Reece, J.B., Taylor, M.R., Simon, E.J., Dickey, J.L., **Hogan, K.A.** (2014). Campbell Biology: Concepts and Connections. Pearson Education, Inc.

**Hogan, 2009** “Immunity and Heath” in What is Life? By Jay Phelan*.* WH Freeman, New York, 2010.

Hogan, 2008. Stem Cells and Cloning, Second Ed., Pearson/Benjamin Cummings

**Refereed Papers and Articles**

Greene, J. A., Urban, C. J., Plumley,R. D., Bernacki, M. L., Gates, K. M., **Hogan, K. A**., Demetriou, C., & Panter, A. T. (2018). Modeling temporal and contingent self-regulatory processing in a higher education biology course. Manuscript submitted for publication.

Eddy, S.L. **Hogan, K.A**. (2014) Getting under the hood: how and for whom does increasing course structure work? CBE Life Sci Educ, 13, 453-468.

Passman JN, Dong XR, Wu SP, Maguire CT, **Hogan KA**, Bautch VL, Majesky MW. A sonic hedgehog signaling domain in the arterial adventitia supports resident Sca1+ smooth muscle progenitor cells. *Proc Natl Acad Sci U S A*. 2008 Jul 8;105(27):9349-54.

**Hogan, K.A**., Ambler, C.A., Chapmen, D.L., Bautch, V.L. The neural tube patterns vessels developmentally using the VEGF signaling pathway. *Development* 2004*,* ***131****: 1503-13*

**Hogan, K.A**. and Bautch V.L. Blood vessel patterning at the embryonic midline. *Curr Top Dev Biol*. 2004;62:55-85. Review.

[**Hogan**, **K.A**., Merenbloom, B.K., Kim, H.S., Lord S.T.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15304068)Neonatal bleeding and decreased plasma fibrinogen levels in mice modeled after the dysfibrinogen Vlissingen/Frankfurt IV.*J Thromb Haemost.* 2004;2:1484-7.

TerasawaF., **Hogan,K.A**., Kani, S., Hirose, M., Eguchi, Y., Noda, Y., Hongo, M., Okumura, N.Fibrinogen Otsu I: A  Asn319, Asp320 Deletion Dysfibrinogen Identified in an Asymptomatic Pregnant Woman. *Thromb Haemost 2003,* ***90****: 757-8.*

**Hogan, K.A**., Weiler-Guettler, H. and Lord, S.T. Mouse Models in Coagulation. *Thromb Haemost*, 2002, **87**:563-74.

Remijn J.A., IJsseldijk M.J., Van Hemel B.M., Galanakis D.K., **Hogan K.A.**, Lounes K.C., Lord S.T., Sixma J.J., De Groot P.G. Reduced Platelet Adhesion in Flowing Blood to Fibrinogen by Alterations in Segment Gamma316-322, Part of the Fibrin-Specific Region. *Br J Haematol,* 2002, **117**:650-7

# Hogan, K.A., Maeda, N., Kluckman, K.D., Lord, S.T. Synthesis of a Mouse Model of the Dysfibrinogen Vlissingen/Frankfurt IV. *Ann. N.Y. Acad. Sci*., 2001, 936:117-121.

# Hogan, K.A., Bolliger, B., Okumura, N., Lord, S.T. The Formation of  Fibrin Requires a Functional “a” Site. *Ann. N.Y. Acad. Sci*. 2001, 936: 219-222.

Lounes, K.C., Okumura, N., **Hogan, K.A.,** Lord, S.T. The Polymerization Site “a” Function Depends on the Structural Integrity of Its Nearby Calcium-Binding Site. *Ann. N.Y. Acad. Sci*., 2001, **936**:205-209.

Hogan, K.A. Lord, S.T., Okumura, N., Terasawa, F., Galanakis, D.K., Scharrer, I., Gorkun, O.V. A Functional Assay Suggests that Heterodimers Exist in Two C-Terminal -Chain Dysfibrinogens: Matsumoto I and Vlissingen/Frankfurt IV. *Thromb. Haemost.* 2000, 83*:* 592-7*.*

**Hogan, K.A**. Gorkun, O.V., Coates, Lounes, K.C., A., Weisel, J.W., Hantgan, R.R., Lord, S.T. Recombinant Fibrinogen Vlissingen/Frankfurt IV: The Deletion of Residues 319 and 320 from the -chain of Fibrinogen Alters Calcium Binding, Fibrin Polymerization, Cross-linking, and Platelet Aggregation. *J. Biol. Chem.*, 2000, **275**: 17778-17785.

**Refereed or Invited Talks/Presentations**

Urban, C. J., Bernacki, M. L., Plumley, R.D., Gates, K. M., Demetriou, C., Panter, A. T., Hogan, K. A**.,** & Greene, J. A. (2018, May). A *supervised data mining approach for identifying behavior sequences related to academic performance*. Poster presented at the Modern Modeling Methods Conference, Storrs, Connecticut.

“Using the MCAD Dashboard to Build a More Inclusive Classroom” Kelly A Hogan, Viji Sathy, Phil Edwards, Center for Faculty Excellence, UNC, Chapel Hill, NC. May 2, 2018 (cfe.unc.edu/mcad)

“Preparing the New Graduate for Success” Kelly A Hogan. Chancellor’s Philanthropic Council, Chapel Hill, NC. April 20, 2018

“Inclusive Teaching through Active Learning” Kelly A Hogan, Viji Sathy. University of Pennsylvania. April 9, 2018

Large Scale Implementation of CUREs” Kelly A Hogan, Bryant Hutson. UNC System Wide Undergraduate Research Development Summit, Greensboro, NC March 24, 2018

“Using the MCAD Dashboard to Build a More Inclusive Classroom” Kelly A Hogan, Viji Sathy, Phil Edwards, Center for Faculty Excellence, UNC, Chapel Hill, NC. March 7, 2018

“A hands-on approach to promote equity and inclusion in your classroom.” Keynote address. Kelly Hogan and Viji Sathy. Durham Tech Community College, Durham, NC March 6, 2019

“IDEAS in Action Curriculum” Kelly A Hogan and Viji Sathy. Parents Council. Chapel Hill, NC February 24, 2018.

“IDEAS in Action Curriculum” Kelly A Hogan and Viji Sathy. Arts and Sciences Think Tank. Chapel Hill, NC February 23, 2018.

“Applying Research on What Works to Improve Undergraduate Science Education: Examples from the AAU Undergraduate STEM Initiative” Emily Miller, Kelly A Hogan, Gina Frey, Danny Caballero. AAAS Annual Meeting. Austin, Texas, February 17, 2018.

“How Technology Changed my Teaching” Kelly A Hogan, UNC Summer School. Chapel Hill, NC, January 26, 2018.

“Inclusive Teaching that Increases Achievement for All Science Students” Kelly A Hogan. Teaching with Technology, Hunter College, NY, NY, Nov 4, 2017.

“Workshop: Structuring the Classroom for Inclusive Teaching” Kelly A Hogan and Viji Sathy. Howard Hughes Medical Institute Collaboratory at Duke University, Durham, NC, Oct 23, 2017.

“Student Learning Outcomes” Kelly A. Hogan (UNC) and John Targan (Brown University);

 AAU Undergraduate STEM Education Initiative, Washington D.C., October 2, 2017

“Training University Faculty to Improve Student Learning Outcomes in Quantitative Courses” Abigail T. Panter, Viji Sathy, Noah Griefer, Tate Halverson, Kelly Hogan, Linda Green, Richard McLaughlin, Matt Osment, Molly Sutphen, & Cynthia Demetriou, American Psychological Association Annual Convention, August 4, 2017

“Opening More Gates in Gateway Science Courses” Kelly A Hogan, [*Toward a Carolina Improvement Science Initiative: A Lightning Symposium*](http://cisils.web.unc.edu/2017-lightning-talks/)***,* University of North Carolina May 19, 2017**

“Including everyone in the Learning”. Kelly A Hogan University of Memphis, Memphis, Tennesee. Biology Department. May 24, 2017

“Creating Scientists: Seafood Forensics”. Kelly A Hogan, Blaire Steinwand, John Bruno. UNC College of Arts and Sciences Foundation, May 4, 2017.

“Scaling up CUREs and Beyond”, Kelly A Hogan, UNC System CURE Summit, UNC Greensboro, Greensboro NC. April 30, 2017.

“Inclusive Classrooms” Kelly A Hogan, Viji Sathy, Erin Malloy. UNC Center for Faculty Excellence’s Faculty Showcase. Chapel Hill, NC, April 24, 2017.

“Including everyone in the Learning” . Kelly A Hogan Radford College, Radford, Virginia. Biology Department. April 3, 2017

“Including everyone in the Learning”. Kelly A Hogan, Bellevue College, Seattle, Washington. March 10, 2017

“Inclusive teaching” Kelly A Hogan and Viji Sathy. UNC School of Public Health, Chapel Hill, NC. January 27, 2017.

“What does it take to change culture around teaching in the sciences?” Kelly A Hogan and Danielle Jamieson, UNC School of Medicine, Academy of Educators, November 28, 2016

“Removing the Hierarchy structure within Faculty Ranks to Disseminate Wide-Scale Pedagogy and Curriculum Reform.” Kelly A Hogan and Blaire J Steinwand. National Association of Biology Teachers National Conference, Denver, Colorado. November 5, 2016.

“Workshop: Structuring the Classroom for Inclusive Teaching” Kelly A Hogan and Viji Sathy. Howard Hughes Medical Institute Collaboratory at Duke University, Durham, NC. October 28, 2016

“Driving Global Learning in the Science Classroom. Zika: A Global Problem in our Own Backyards”. Kelly A Hogan, World View K-12 Global Education Symposium, UNC Friday Center, Chapel Hill, NC. October 20, 2016.

“Including everyone in Learning in the Sciences”, Kelly A Hogan, The College of New Jersey, Ewing, NJ. October 12, 2016

“How we’re increasing achievement for all students in the sciences and beyond” Kelly A Hogan, Chapel Hill Rotary Club, Chapel Hill, NC. September 9, 2016

“Workshop: Structuring the Classroom for Inclusive Teaching” Kelly A Hogan and Viji Sathy. Teaching and Learning Conference (TLC16) at Elon University, Elon, NC. August 18, 2016

“Inclusive Teaching Workshop Part 1: Inequity in the Classroom and Stereotype Threat.” Kelly A Hogan and Keith Payne. UNC Chapel Hill. March 31, 2016.

“Carolina” Invited Keynote Speaker at Scholars Day UNC. Scholarships and Student Aid, March 6, 2016

“Tips for Transforming Instructor Centered Classes into Learner centered Experiences for Non-Majors Biology” Pearson Webinar. Kelly A Hogan and Eric J. Simon. February 18, 2016.

“Increasing Achievement for All Students at Carolina” Invited Speaker to Houston Alumni Group. February 16, 2016.

“Increasing Achievement for All Students: In Three Steps.” Invited Speaker at Campbell Law School, Raleigh, NC; February 9, 2016.

“December Commencement Address”, UNC-Chapel Hill. Dean Dome, December 13, 2015. <https://www.youtube.com/watch?v=RcCPT3KXATU>

“What’s Working Well in Course Redesign.” Kelly A. Hogan and Julie Waldrop. UNC CFE’s Faculty Showcase. November 13, 2015.

“How We’re Increasing Achievement for ALL Students in the Sciences and Beyond at Carolina” Invited talk to Carolina Alumni Board, Oct 17, 2015.

“Including Everyone in Learning in the Classroom” Invited speaker at East Carolina University, September 3, 2015

“Advancing Evidence-Based Teaching in Gateway Science Courses in Three Departments through a Mentor-Apprentice Model Kelly A. Hogan, Jennifer Krumper, Laurie E. McNeil, Michael T. Crimmins; Society for the Advancement of Biology Education Research, National Meeting, Minneapolis, July 2015

“Professor’s Perspective.” UNC Summer Orientation Talk for students and parents June 2, 2015.

“Why Accountability is Necessary When Implementing Active Learning” Invited speaker at UNC Department of Psychology, April 29, 2015.

“Engaging Tomorrow’s Scientists”. Kelly A Hogan and Mike Crimmins. Invited speaker at UNC Department of Math April 20, 2015.

“How I Increased achievement for all students in my introductory biology course.” Invited speaker at North Carolina A&T, April 16, 2015.

“Engaging Tomorrow’s Scientists.” UNC College of the Arts and Sciences Chairs meeting. March 25, 2015

“How I Increased achievement for all students in my introductory biology course.” Invited speaker at Morraine Valley Community College System, Palos Hills, Illinois, March 17, 2015.

“How I Increased achievement for all students in my introductory biology course.”

Wayne County Community College System, Detroit, Michigan Feb 6th, 2015.

“Engaging Tomorrow’s Scientists.” Invited speaker for the University of North Carolina’s Board of Trustees meeting. September 25, 2014

“Reforming ‘Gateway’ Science Courses through a Mentor-Apprentice Model.” Invited speaker at the Transforming Institutions: 21st Century Undergraduate STEM Education. Oct 23, 2014

“From Traditional Lecturer to Change Agent.” 2014. Invited speaker for the Department of Developmental and Cell Biology. University of California Irvine.

“Improving Student Success with a High Structured Model of Learning.”

Invited workshop speaker at the University of North Carolina School of Medicine, March 25, 2014

Enliven your Classroom with Instructor Exchange. Co-presented with Eric Simon (Biology, New England College) National Association of Biology Teachers (NABT) National Meeting, November 22, 2013

A case for the more structured Classroom. 2013. Webinar co-presented with Viji Sathy (UNC Psychology) for the UNC System General Administration

“How and For Whom Does Active Learning Work?” Poster presentation at the SABER 2013 meeting

“Inclusive Teaching” Workshop leader for the National Academies Regional Summer Institute at the University of Georgia. 2013.

“Restructuring a large, introductory course to help underrepresented minority and first-generation students perform better.” Poster presentation at the SABER 2012 meeting.

“The Extroverted Storyteller *vs*. the Introverted Nurturer. Different Approaches to Building Rapport.” Co-presented with Dr. Jeannie Loeb (Psychology Department, UNC) at the Lily Conference. Greensboro, 2012.

"Evaluation of a Large Undergraduate Lecture Course Redesigned to Promote Engagement". Invited speaker for the UNC Gillings School of Public Health, as part of a series in new teaching practices. 2012

“Engaging Students in Large Classes”. Invited speaker for the UNC Center for Faculty Excellence’s Faculty Showcase, 2011.

“Poll Everywhere Pilot”. Invited speaker at the TRI-IT instructional technology meeting for professionals from Triangle and Triad area universities, including UNC-CH, Duke, NCSU, NCCU, and Wake Forest. 2010.

“Using online learning activities to transform the classroom experience” Invited speaker for the inaugural Shift+Control+TEACH symposium at UNC-CH. 2010

“Students Please Turn your Cell Phones On.” Invited speaker in the Teaching and Learning with Technology Collaborative (TLTC) seminar series. UNC, 2010.

Teaching Activities

**Biology 101: Principles of Biology**. A large introductory course for both majors and non-majors sampling concepts around 1)structure and function, 2)transformations of energy and matter, 3) systems 4) evolution, and 5) information storage, transmission, and flow. High structure active learning format. Approx. 400+ students per section. In past three years, taught Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017

**Biology 202: Genetics and Molecular Biology.** A large introductory class for both majors and non-majors focused on concepts related to genetic information storage, transmission, and flow. Students work collaboratively to explain concepts, design experiments, analyze complex problems. High structure active learning format. Approx. 230 students per section. In past three years, taught Spring 2015, Fall 2015, Spring 2016, Summer 2016 in Costa Rica; Fall 2016, Fall 2017

**Biology 291/2: Teaching Apprentice in Biology.** Students who teach within in my other courses as peer mentors and supplemental instruction mentors follow a training curriculum plan executed by the Learning Center. Students facilitate active learning in the classroom for three hours per week and hold an extra hour or two of help sessions for students. Past three years taught and number of students:

Spring 2015: 0 Fall 2015: 1 Spring 2016: 5; Fall 2016: 16; Spring 2017: 11; Fall 2017: 9

**Biology 395/495: Undergraduate Independent Research.** Sponsoring and grading students seeking Biology credit for research they perform in the School of Medicine at UNC. Approx 3-5 students/semester. Past three years taught and number of students:

Spring 2015: 3; Fall 2015: 2; Spring 2016:1 Fall 2016: 0 Spring 2017: 1; Fall 2017: 2

**Grants:**

**Project site grant to transform STEM education**  2013-2017

Source: American Association of Universities

Role: College Leadership Team and Biology Department project leader

$500,000

**Center for Genomics and Society**

Source: National Human Genome Research Institute of the NIH 2013-2014

Role: Co-Principal Investigator

$750,000

**Lenovo Instructional Innovation Grant (CFE 100+)** 2010-2011

Source: Lenovo/Center For Faculty Excellence UNC

Role: Principal Investigator

$5,000

**Ueltschi APPLES Service Learning Course Development Grant** 2009-2011

Source: Ueltschi Family/APPLES UNC

Role: Prinicpal Investigator

$3,000

**NIH Individual NRSA**  2002-2004

Source: NIH

Role: Principal Investigator

$31,000

**American Heart Association Post-doctoral Fellowship**  2001

Source: AHA

Role: Principal Investigator

$29,000

**Professional Service:**

**To discipline**

Host for HHMI/NAS UNC Mobile Summer Institute for Scientific Teaching 2017-current

Steering Committee member for the NSF Research Coordination Network 2015-2016

Biology Teaching Assistant Project (BioTAP)

GlaxoSmithKline Women in Science Mentor 2014-current

*I mentor two underrepresented minority students per year*

Organizer/invited speaker and Education Fellow for the Southeast Regional 2011-2012

Summer Institute on Scientific Teaching

**Within UNC**

Campus-wide

***Quality Enhancement Plan Director*** 2017-current

The 2017 QEP, multi-million dollar, five-year project, has five different

programs. Each program has a lead. I lead one, in addition to being the Director.

***Coordinating Committee for College of A&S General Ed Curriculum Redesign*** 2016-current

The nine-member committee researches, drafts, and refines curriculum redesign

plans, and sit on other associated subcommittee groups.

***Chair of the Board of Governor’s Teaching Award Committee***  2016-current

***My Course Analytics Data (MCAD) Working Committee*** 2016- current

A dashboard tool that is being developed and piloted to bring student

demographic data to individual instructor’s course grades.

***Co-Chair of Active Learning Classrooms User Group*** 2017-current

Associated with phase 3 of development of Science Complex

***Advisory Group to Graduate School’s CIRTL program*** 2017-current

Help bring “teaching as research” to graduate students at UNC

through UNC’s membership in the CIRTL alliance.

***Co-Director of HHMI/NAS Mobile Summer Institute on*** 2017

***Scientific Teaching at UNC-CH***

Organized and hosted a week-long institute for science faculty from

UNC and local colleges to learn new methods in teaching

***Chancellor’s Strategic Planning Committee for Modernizing*** 2016***-***2017

***Student Support: Subcommittee on Transitions***

***Resident Director for Biology 202 in Costa Rica*** 2016

Led ~15 students in a UNC Study Abroad program in Biology for 6 weeks

***Co-chair for Provost’s Committee on University Teaching Awards*** 2015-2016

Oversaw nine different faculty and student committees choosing campus wide awards

***OUE Committee on Undergraduate Learning Assistants*** 2015- 2016

The group collects information and provides recommendations to the

Senior Associate Dean of Undergraduate Education regarding best practices

for undergraduates to serve as peer instructors inside and outside the classroom

***Quality Enhancement Plan Steering Committee for SACSCOCS*** 2014- 2016

The planning committee sets future curriculum goals and writes a report for the

accrediting body for the undergraduate curriculum.

***Provost’s Retention Working Group: Thrive at Carolina*** 2014- current

The group provides ideas to the Provost for ways to budget funds to affect the retention

specifically of transfer students, STEM students, and under-represented minority students

***Advisory Board for the Center for Faculty Excellence***  2013-current

The group advises the Director of the Center in strategic planning for the Center.

Committee on Diversity in Undergraduate Education

***Project Leader for Biology in the AAU STEM education project*** 2013-2017

Helped plan mentor-apprentice scheduling for the department, mentored,

coordinated faculty learning communities, collected data for assessment of program

***Provost’s Committee on Inclusive Excellence and Diversity*** 2013-2014

A group that provides the Provost with action item recommendations around diversity

issues in all areas affecting the faculty, students, staff.

***Colonel Robinson Science Technology Engineering and Math (STEM) Scholar*** 2012- 2016

***Faculty Mentor***

I am assigned to approximately 30 students with my husband, Brian Hogan in

Chemistry. These students are on full academic scholarships. We serve to enrich

their education through one-on one and group meetings, trips, academic programs etc

***Mentor for the Graduate Student Teaching Certificate Program*** 2012- 2015

Closely mentored a graduate student in first teaching experiences through

an apprentice and coaching model.

***Co-Director for the “Entering Mentoring” Workshops at UNC*** 2012- 2014

A six-week workshop run each semester geared to graduate students, post-docs,

and new faculty that teaches trainees that good mentoring can be learned.

***Co-Chair, Task Force on Transforming Instruction in Large Lecture Courses*** 2012- 2013

The mission of the task force is to examine how we can more effectively teach large lecture

courses at UNC, paying close attention to educational technologies and faculty attitudes

and behaviors relative to educational transformations.

***Faculty Advisory Committee to the Honor Court*** 2011- 2012

A five –member faculty campus-wide committee to advise the student

run honor court by providing feedback to cases and serving as a liason

between the court and faculty.

***Carolina Scholars Faculty Mentor*** 2008 -2012

I am assigned to approximately 20 students with my husband, Brian Hogan in

Chemistry. These students are on full academic scholarships. We serve to enrich

their education through one-on one and group meetings, trips, academic programs etc.

***Summer School Administrator for the Biology Department*** 2008-2011

Plan course listings, advertise courses, and hire instructors for approximately 15-17

courses for the summer sessions. We enroll over 1,000 students in the summer.

***CSTEP Faculty Mentor***. This is a program that helps transfer 2008-2010

students meet faculty members of their home department. Approximately 3 students/year.

***Workshop Leader*** for “How to Read a Scientific Paper”. 2006- 2008.

This is a two-part workshop that I developed for incoming UNC graduate students.

***Biology Department Graduation Committee*** 2005- current

Help organize event for 400 students and their families, prepare program,

Read names at graduation.

***Biology Department Advising Committee*** 2005-current

Help students navigate the Biology Department, plan outreach events,

such as study workshops and career panels each semester.

***Part-time Faculty Academic Advisor****,* ***Natural Sciences & Mathematics Division*** 2005-2011

Help students choose courses and careers in a one-on-one setting, sign off on

curriculum requirements, and guide first year students at summer orientation.

***Faculty Mentor for Carolina Covenant Scholars Program***2004-2008

Served as a one-on-one mentor for 15 students per year in this program.