

Skip Bollenbacher, Ph.D.
Resume Highlights

Education

Ph.D. Developmental Biology, University of California at Los Angeles (1974)

B.A. Biology, California State University Northridge (1970)

Business and Academic Positions

Vice President: Integrated Learning Innovations, Chapel Hill, NC

Professor Emeritus: Department of Biology, University of North Carolina at Chapel Hill

Professor: Department of Biology, University of North Carolina at Chapel Hill (1981-2006)

NIH NRSA Postdoctoral Fellowship and NIH Investigator, Northwestern University (1974-1981)

Administration/Government Relations

Associate Vice Chancellor: Research Development (1994-1996)

Government Relations: Federal—Liaison for funding university research and education programs; State—secure funding for science education programs

Executive Director:

- Partnership for Minority Advancement in the Biomolecular Sciences (1989-2006)
- Seeding Postdoctoral Innovators in Research and Education (SPIRE) Program (1989-2006)
- DESTINY Traveling Science Laboratory Program (1989-2006)
- KnowledgeFoundry@Carolina (2001-2006)
- Institute for Science Learning (2004-2006)

Coordinator: Hoechst Celanese Corp./UNC Chapel Hill Research Partnership (1992-1999)

Awards and Recognition

Pirelli INTERNETional Multimedia Education Award (2005) (www.pirelliaward.com/ed9_edt.html):

Microarrays MediaBook

BEST Exemplary Higher Education Programs (2003) (www.bestworkforce.org): National Report to “U.S. Congressional Commission on the Advancement of Women, Minorities, and People with Disabilities in Science, Engineering and Technology”

Public Service Award (2003): UNC Chapel Hill Office of Provost and Carolina Center for Public Service for Precollege Traveling Science Laboratory Program

Outstanding Faculty Award (1999): UNC Chapel Hill Senior Class, General Alumni Association, and Division of Student Affairs

Broadcasts

UNC Public Television, *North Carolina People* hosted by William Friday, pre-college/diversity education (2005)

Tarheel People (PAX TV), secondary education (2003)

UNC Public Television, *North Carolina Now*, DESTINY Traveling Science Laboratory Program (2001)

Advisory/Service—National and State

Committees: National Human Genome Research Institute Science Training Advisory Committee, NC School of Science and Mathematics, NSF/NIH grants to NC universities

Taskforces: Building Engineering and Science Talent, USDA, The Education Forum of NC, NC Genomics and Bioinformatics Consortium, National Academy of Sciences, NC Task Force on Genomics and Public Health, Governor’s Strategic Plan for Biotechnology Development, NC Alliance for Competitive Technologies Task Force

Grant Review: NIH Institutes, NSF, USDA, Foundations, NC Biotechnology Center, State agencies, Dept. of Education, Sea Grant Program

Funding

Over \$53 million in grants, contracts and awards as Principal Investigator, with over \$40 million coming in the

last 10 years. Most funding was for proof-of-concept research and program creation for science education, training and research from NIH, NSF, Government, Foundations, Corporations, NASA, and the Department of Education.

Publications

Peer reviewed publications, symposium proceedings, etc. have spanned scientific research (114), education (21) and Curricular materials/modules (18)

Presentations

Over several hundred conference and symposium presentations on education and research, including multiple plenary and invited lectures at national and international conferences