

## 2010/2011 BES Awards Report

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Organization Name

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### **Appalachian State University**

**Ms. Charna K. Howson**

*The North Carolina Society of Research Administrators Conference*

PUBLIC INFORMATION SUMMARY

NCSRA promotes a statewide focus that leverages research for economic development. It connects people to people; people to information; and people to organizations, institutions, and industry in North Carolina and around the country. These connections enable attendees to share ideas and solve common management problems in research. Our aim is to support and promote a broad increase in research throughout North Carolina, enhance the global competitiveness of our state, and provide for a capable, knowledge-based, and technology-enabled workforce.

### **Asheville-Buncombe Technical Community College**

**Mr. Paul Knott**

*Science in the Mountains 2011*

PUBLIC INFORMATION SUMMARY

Science in the Mountains 2011 is the fourth in the series of conferences which bring together researchers from across Western North Carolina. The program fosters discussion, communication and collaboration among individuals and institutions throughout the region. The theme for the conference is Entrepreneurship and Biotechnology Career Opportunities in North Carolina.

### **Association of Clinical Research Professionals**

**Mrs. Laurin C. Mancour**

*Emerging Trends in Clinical Research*

PUBLIC INFORMATION SUMMARY

The conference is held as an opportunity for clinical research professionals to interact with other professionals and community members from different organizations to share ideas and learn from each other. Attendees will leave with an understanding of emerging trends in clinical research and their role in conducting research ethically and responsibly.

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**Contemporary Science Center**

**Mr. Anton J. Zuiker**

*ScienceOnline2011*

**PUBLIC INFORMATION SUMMARY**

ScienceOnline2011 is the fifth annual science blogging conference organized by BlogTogether, and sponsored by the Contemporary Science Center. It will gather 300 of the most active online science communicators to share their experiences and chart new courses for promoting the public engagement in science.

**Duke University**

**Dr. Lori A. Setton**

*North Carolina Tissue Engineering & Regenerative Medicine Society (NCTERMS) Annual Conference*

**PUBLIC INFORMATION SUMMARY**

The 12th Annual North Carolina Tissue Engineering and Regenerative Medicine Society (NCTERMS) Conference will be held on Friday, November 12, 2010 at the North Carolina Biotechnology Center in Research Triangle Park. This Annual Conference is the premier event for dynamic exchange amongst professionals in academics and industry interested in translating regenerative medicine and tissue engineering for clinical use. This year's keynote speaker, Dr. Ioannis Yannas from MIT, will speak on "Cell-Scaffold Interactions During Organ Regeneration." The meeting will also feature plenary sessions on cell therapies, biologics and biomaterials, a panel discussion on Translating Regenerative Medicine in NC, an all-day poster session and exhibitors.

**East Carolina University**

**Dr. Brian A. McMillen**

*12th Annual Neuroscience Symposium*

**PUBLIC INFORMATION SUMMARY**

The Annual Symposium is held by the Eastern NC Chapter of the Society for Neuroscience to bring the neuroscience research communities at ECU and other eastern NC universities together to share their research. Two external keynote speakers are invited and students are encouraged to put up posters of their research.

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**Elon University**

**Dr. Linda M. Niedziela**

*NC Academy of Science 108th Annual Meeting*

**PUBLIC INFORMATION SUMMARY**

Under the umbrella of interdisciplinary science, this meeting will provide a forum for the presentation by graduate and undergraduate students, as well as senior scientists, of a broad range of scientific research in the biological, physical, behavioral, and computational sciences.

**Forsyth Technical Community College**

**Mr. Russel H. Read**

*SciTech Lecture Series Presentation by Dr. Mark Wainberg on "The Benefits of 25 Years of HIV Research on Laboratory Technology and Human Health"*

**PUBLIC INFORMATION SUMMARY**

This lecture will explore how biotech research in a specific area, such as HIV/AIDS research, while extremely important on its own merit, can also lead to scientific advances that go far beyond the original scope of the research.

**Greater Winston-Salem Chamber of Commerce**

**Mrs. Andrea Howell**

*Winston-Salem Chamber Technology Council. Celebrating 20 Years of Vision, Innovation, and Growth*

**PUBLIC INFORMATION SUMMARY**

Two decades ago, Winston-Salem faced an uncertain future. It's traditional industries were moving or contracting, and it had no vision for future economic success. But, the Chamber of Commerce was there to show the community the possibility of a bright future.

On September 23rd, 2010, we will celebrate 20 years of Technology-based economic development accomplishments in Winston-Salem and the Triad. Over these two decades, our community has been transformed due to the efforts of many, both locally and regionally and we will celebrate those that made it happen and those who continue the vision.

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**Meredith College**

**Dr. Francie S. Cuffney**

*State of North Carolina Undergraduate Research and Creativity Symposium*

**PUBLIC INFORMATION SUMMARY**

This will be the sixth annual SNCURCS, a conference for undergraduate researchers. Undergraduates from State Universities, Independent Colleges, and Community Colleges can submit abstracts for publication in the program and present either poster or oral presentations of their research. The conference is free for all attendees.

**North Carolina Association for Biomedical Research**

**Ms. Suzanne W. Wilkison**

*Biosafety and Biocontainment: A One-Day Workshop Addressing Effective IBCs and Biological Risk Assessment*

**PUBLIC INFORMATION SUMMARY**

NCABR is presenting a workshop titled "Biosafety and Biocontainment" on November 9, 2010, at the Charlotte Research Institute to provide North Carolina's research community with a forum to discuss biosafety, biocontainment and biological risk assessment issues and to provide information to protect research at the attendees' respective institutions.

**North Carolina Association for Biomedical Research**

**Ms. Suzanne W. Wilkison**

*Update to the Guide for the Care and Use of Laboratory Animals: The National Academy of Sciences' 8th Edition*

**PUBLIC INFORMATION SUMMARY**

NCABR is sponsoring, "Update to the Guide for the Care and Use of Laboratory Animals: The National Academy of Sciences' 8th Edition," on March 18, 2011, at the N.C. Biotechnology Center. The program will provide researchers with information about the new Guide, which recommends practices for responsible laboratory animal use.

**North Carolina Center of Innovation for Nanobiotechnology**

**Dr. Laura S. Faulconer**

*NanoBio CEO Roundtable*

**PUBLIC INFORMATION SUMMARY**

The NanoBio CEO Roundtable will be a series of breakfast forums offering CEOs of North Carolina nanobiotechnology companies opportunities to discuss topical business issues and to network. These events will be held four times a year and will rotate between locations in Research Triangle Park and the Piedmont Triad area.

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**North Carolina Center of Innovation for Nanobiotechnology**

**Dr. Laura S. Faulconer**

*Nanomedicine: Critical Commercialization Issues*

**PUBLIC INFORMATION SUMMARY**

"Nanomedicine: Critical Commercialization Issues" will be an add-on event to the 2011 North Carolina Nanotechnology Commercialization Conference to be held March 29-30, 2011. This workshop will address key business issues (i.e. opportunity assessment and portfolio management, legal and intellectual property issues, business development and funding) and provide an interactive forum.

**North Carolina State University**

**Dr. George T. Barthalmus**

*NC State University Summer Undergraduate Research Symposium*

**PUBLIC INFORMATION SUMMARY**

This 9th NC State University Summer Undergraduate Research Symposium showcases the hands-on scholarship of students from across the nation and from NCSU who have received funding from one of 20 different grants to conduct research during summer 2010. About 92% of participants are in biotechnology-linked disciplines.

**North Carolina State University**

**Dr. John R. Chisnell**

*2010 Molecular Biotechnology Research Symposium*

**PUBLIC INFORMATION SUMMARY**

A symposium featuring presentations (poster and oral) by graduate students enrolled in the Molecular Biotechnology Training Program (MBTP) followed by an afternoon session at which distinguished speakers from NC State, the RTP area, and the nation discuss the latest developments in life sciences and biotechnology.

**North Carolina State University**

**Dr. George T. Barthalmus**

*North Carolina State University Undergraduate Research Symposium: April 12, 2011*

**PUBLIC INFORMATION SUMMARY**

The 20th NC State University Undergraduate Research Symposium showcases the hands-on scholarship of students who are interested in admission to graduate and professional schools and who seek excellent employment, hopefully in North Carolina. Approximately 80% of the students are in disciplines linked to biotechnology.

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**North Carolina State University**

**Mr. Andrew J. DiMeo**

*5th Annual Biomedical Engineering Symposium*

**PUBLIC INFORMATION SUMMARY**

The Biomedical Engineering Symposium will consist of poster and PowerPoint presentations covering a wide array of topics. Presentations will be given by each senior design team from NCSU as well as poster presentations by individual graduate students.

**North Carolina State University Vernon G. James Research & Extension Center**

**Mr. Kent Rodgers Gurganus**

*Agbiotech Opportunities for Farmers and Growers: Planting Ideas for Now and the Future in Northeast NC*

**PUBLIC INFORMATION SUMMARY**

The event will educate growers about current and future advances in agricultural biotechnology. Speakers from both public and private sectors will highlight the economical importance of biotechnology in agriculture on a world-wide scale as well as regionally. Farmers will be better equipped to recognize opportunities in biotechnology.

**UNC - Chapel Hill**

**Ms. Julie Rhodes**

*North Carolina Science Festival*

**PUBLIC INFORMATION SUMMARY**

The North Carolina Science Festival is the first statewide science festival in the country. It incorporates multiple events presented at sites throughout North Carolina that are designed to engage people of diverse ages and backgrounds in learning about and appreciating science in our state.

**UNC - Chapel Hill**

**Dr. Vytas A. Bankaitis**

*Cell Adhesion and Stress Fibers Symposium*

**PUBLIC INFORMATION SUMMARY**

Within all organs of the body, cells must adhere to each other and to connective tissue in order to function. This symposium will focus on how cells assemble and reorganize their adhesions, and how this relates to health and disease, with a Keynote presentation from Dr. Rick Horwitz (UVA).

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**UNC - Chapel Hill**

**Dr. Brian D. Strahl**

*5th Annual Atlantic Coast Chromatin Conference*

*Meeting title: "Chromatin Structure and Function"*

**PUBLIC INFORMATION SUMMARY**

This one-day event will consist of both local and national speakers that will share their expertise on the rapidly growing area of chromatin research, which will be of interest to anyone working in the area of biotechnology and human health. We expect ~ 150 people to attend.

**UNC - Chapel Hill**

**Dr. Valerie S. Ashby**

*North Carolina Alliance to Create Opportunity Through Education (NC OPT-ED) Ninth Annual Alliance Day Conference*

**PUBLIC INFORMATION SUMMARY**

This one-day interactive conference is planned, executed and supported through the collaborations of three North Carolina Universities' Alliances for Graduate Education and the Professoriate (AGEP) programs, whose primary goal is to substantially enhance efforts in North Carolina to increase the number of underrepresented minority students receiving Ph.D. degrees in the STEM disciplines.

**UNC - Chapel Hill**

**Dr. Adrienne D. Cox**

*What Goes Around Comes Around: Biological Oscillators in Human Health and Disease*

**PUBLIC INFORMATION SUMMARY**

Graduate students organize an annual day-long symposium to engage the local scientific community with four world-renowned investigators. This year's speakers study how different oscillating systems in biology (circadian clocks, cell cycle) converge to regulate an organism's health and development while providing potential therapeutic targets for cancers and developmental defects.

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**UNC - Chapel Hill**

**Dr. Nobuyo Maeda**

*Integrative Vascular Biology (IVB) & UNC McAllister Heart Institute (MHI) Annual Symposium*

**PUBLIC INFORMATION SUMMARY**

The IVB/MHI Symposium hopes to promote a multidisciplinary approach to the investigation of cardiovascular biology and disease. This event allows for pre-and post-doctoral individuals and medical residents from MHI and IVB to present their research. Additionally, two leading scientists in this field will speak at this event.

**UNC - Chapel Hill**

**Dr. Thomas J. Meyer**

*Solar Fuels: Catalysis and Photoconversion and Putting Solar Energy in its Place*

**PUBLIC INFORMATION SUMMARY**

Technical Session for energy researchers - 13 invited speakers (3 of whom are international) addressing various scientific, legal, and social aspects of Solar Fuels research, Poster session.

**UNC - Chapel Hill**

**Dr. Joshua Hall**

*North Carolina DNA Day*

**PUBLIC INFORMATION SUMMARY**

On NC DNA Day, scientist ambassadors travel to NC high school science classrooms to engage students in topics related to genetics, genomics, and biotechnology. Ambassadors lead students through interactive lessons and hands-on activities as well as sharing information about their own research and careers and science and biotechnology.

**UNC - Chapel Hill**

**Dr. H. Shelton Earp, III**

*The 35th Annual UNC Lineberger Comprehensive Cancer Center Symposium "Cell Metabolism and Cancer"*

**PUBLIC INFORMATION SUMMARY**

This year the UNC Lineberger Comprehensive Cancer Center Symposium will bring together leaders in the field of metabolism and cancer, to discuss new research findings and new cancer therapeutic options based on targeting cancer cell metabolism.

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**UNC - Charlotte**

**Ms. Clare C. Faggart**

*Ninth Annual Charlotte Biotechnology Conference*

**PUBLIC INFORMATION SUMMARY**

The Charlotte Biotechnology Conference presents the Charlotte regional role in North Carolina's biotechnology industry. The format consists of keynote speakers, high profile business leader discussions and research presentations. Over 375 attendees will have an opportunity to network with key figures within the local, regional and national biotechnology landscape.

**UNC - Charlotte**

**Ms. Clare C. Faggart**

*2011 10th Annual Five Ventures Business Innovation Competition*

**PUBLIC INFORMATION SUMMARY**

Charlotte region's most dynamic early-stage business innovation competition kicks off February 2, 2011 and concludes with the final competition on April 14, 2011. Up to \$50,000 in cash and donated services are awarded during the competition. A significant sector of the competitors will have some biotechnology component to their innovation.

**UNC - Charlotte**

**Prof. Caroline Swartz**

*Charlotte Biotechnology Consultancy Challenge*

**PUBLIC INFORMATION SUMMARY**

The Charlotte Biotechnology Consultancy Challenge brings together graduate students teams to develop savvy strategies and supporting materials to leverage the life science and life science informatics assets for economic development by supporting biotechnology businesses. This event will strengthen the identification of Charlotte as a prime location for life science and life science informatics companies

**UNC - General Administration**

**Dr. Courtney H. Thornton**

*University-Industry Demonstration Partnership Fall 2010 Meeting*

**PUBLIC INFORMATION SUMMARY**

The University-Industry Demonstration Partnership (UIDP) exists to enhance the value of collaborative research partnerships between university and industry. Through UIDP, leaders from industry, university, the non-profit sector and the federal government meet twice annually to discuss contemporary issues, challenges, and new demonstration projects related to university-industry research and intellectual property collaborations.

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**UNC - Greensboro**

**Dr. Dianne Welsh**

*Biotech Startups: What You Need To Know*

**PUBLIC INFORMATION SUMMARY**

Biotechnology is an emerging sector in the economy of North Carolina. Unlike other types of technology-based ventures, biotech startups have unique characteristics that don't follow the traditional path from invention to market. Dr. Allen will discuss the key challenges and opportunities that biotech startups face and what many entrepreneurs are doing to overcome them.

**UNC - Pembroke**

**Dr. Leonard D. Holmes**

*Second Annual Farm Bureau of Robeson County Bio-Ag Symposium*

**PUBLIC INFORMATION SUMMARY**

The Second Annual Farm Bureau of Robeson County Bio-Ag Symposium will be held on October 12, 2010 at the UNCP Regional Center. Through concurrent sessions, demonstrations, and posters, Bio-Ag experts will educate regional citizens on the importance of biotechnology to regional agriculture. At least 200 registered participants are expected.

**Wake Forest University**

**Mr. Zachary D. Cary**

*Wake Forest Schools of Business Biotechnology Conference and Case Competition*

**PUBLIC INFORMATION SUMMARY**

The Wake Forest Schools of Business will host the second annual Biotechnology Conference and Case Competition February 18-19, 2011. This event will serve as a platform whereby biotechnology and healthcare professionals, firms, students, faculty members, and community leaders can collaborate, learn, and share insights about the future of biotechnology.

**Watauga County Office of Economic Development**

**Mr. Joe Furman**

*High Country Natural Products Conference*

**PUBLIC INFORMATION SUMMARY**

The goal of this conference is to provide business opportunities in the natural products industry. This event aims to explore the range of biotechnology applications that are presented by natural products and how to leverage regional strengths to promote new business ventures.