April 22, 2016
Watson College of Education
UNC Wilmington
Wilmington, NC
9am–3pm

For more information, visit www.uncw.edu/ed/aig/
## Schedule

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<tr>
<td>8:30am-9:00am</td>
<td>EB 162</td>
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<td>9:00am-10:30am</td>
<td>EB 162</td>
<td><strong>Keynote</strong> <em>Research is More Than Googling: Using Technology to Conduct Authentic Research</em> Del Siegle</td>
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| 10:45am-11:45am | EB 162 EB 130 (Ed Lab) EB 387 | **Breakout Session I** *An Unexpected Journey: Autonomous Learning Through Digitally Driven Differentiation* Andrew Julian  
*Five Strategies for Using Tech Tools to Empower Advanced Readers* Cindy M. Gilson  
*Academies: Interest-Based Enrichment for Student-Driven Learning* Christy Howe |
| 12:00pm-1:00pm  | EB 162 EB 130 (Ed Lab) | **Lunch & “Toolishness”** *Tech Tools and Resources to Whet Your APPetite for 2016* Brian Housand  
Informal Conversation |
| 1:15pm-2:15pm   | EB 162 EB 130 (Ed Lab) EB 387 | **Breakout Session II** *Promising Practices for Identifying and Serving Underrepresented Populations in Gifted Education* Del Siegle  
*Technology Tools to Integrate Games* Jeff Ertzberger  
*The Power of the Plan!* Sneha Shah Coltrane and Stephanie Cyrus |
| 2:30pm-3:00pm   | EB 162         | Reflections, Informal Conversation, and Door Prizes                      |

## Keynote Speaker

**Del Siegle**  
*Director, National Center for Research on Gifted Education*

Del Siegle is a professor in gifted and talented education, Head of the Department of Educational Psychology at the University of Connecticut, and Director of the National Center for Research on Gifted Education. He is a past president of the National Association for Gifted Children (NAGC), past president of the Montana Association of Gifted and Talented Education (Montana AGATE), and chair of the Research on Giftedness, Creativity, and Talent SIG of the American Educational Research Association (AERA). Along with Betsy McCoach, he is co-editor of *Gifted Child Quarterly*. He writes a technology column for *Gifted Child Today*. Dr. Siegle is coauthor with Gary Davis and Sylvia Rimm of the popular textbook, *Education of the Gifted and Talented*. He is also author of *The Underachieving Gifted Child: Recognizing, Understanding, & Reversing Underachievement*. Prior to becoming a professor, Del worked with gifted and talented students in Montana.
Presenters

Andrew Julian  
*Middle & Upper School Science & Math Teacher, The Colorado Springs School*

Andrew Julian is a Science Teacher at the Colorado Springs School. His instructional method focuses on data-driven, autonomous, and challenge-based learning. Having worked as a Teacher and Digital Learning Specialist, he seeks to provide an efficient and effective classroom experience by creating content in a manner most suited and customized for each individual.

Brian Housand  
*Associate Professor, East Carolina University*

Brian Housand, Ph.D. is an Associate Professor, co-coordinator of the AIG Program at East Carolina University. Dr. Housand earned a Ph.D. in educational psychology at the University of Connecticut with an emphasis in both gifted education and instructional technology. He serves on the National Association for Gifted Children's Board of Directors. His website is http://brianhousand.com

Christy Howe  
*Gifted Education Specialist, New Hanover County Schools*

Christy Howe is a Gifted Education Specialist in Wilmington, NC. She has a Bachelor of Arts and Science from Vanderbilt University. She earned her Master's Degree in Elementary Education at Boston College. In 2007, she received her Gifted Certification from the UNCC. She has been teaching for 16 years and was named New Hanover County Schools Gifted Education Specialist of the Year for 2015-2016.

Cindy M. Gilson  
*Assistant Professor, UNC Charlotte*

Cindy Gilson is an assistant professor at the University of North Carolina at Charlotte. She was a classroom teacher for 12 years and a research assistant at The National Research Center on the Gifted and Talented. Her research interests include differentiated curriculum and instruction and classroom discourse.

Jeff Ertzberger  
*Director of Technology at the Watson College of Education at UNCW*

Dr. Jeff Ertzberger currently serves as a lecturer and director of technology in the Watson College of Education at UNC Wilmington, where he teaches graduate and undergraduate courses. A former public school teacher, Ertzberger has been a keynote and feature speaker at regional, national, and international conferences.

Sneha Shah Coltrane  
*Director, Gifted Education and Advanced Programs, NCDPI*

Stephanie Cyrus  
*State Consultant, AIG and Advanced Programs, NCDPI*
Sessions

Morning Keynote Speaker

Research is More Than Googling: Using Technology to Conduct Authentic Research
Del Siegle
When students think of research, they usually think about looking something up on the Internet and writing a report. However, a more exciting type of research exists that involves collecting and analyzing data. Students of all ages love to pose questions and search for answers. We’ll discuss hands-on activities that demonstrate different types of research. We’ll also share how to use existing or free software to better understand data and make research more meaningful for your students. Turning to an unlikely savior in the war on standardized boredom: Video Games. In this session, we’ll set aside preconceived notions and discover that games and play may actually hold the key to engaging and personalized learning for every student!

Breakout Session I

An Unexpected Journey: Autonomous Learning Through Digitally Driven Differentiation
Andrew Julian (Streaming Live from Colorado)
Whether teaching in a heterogeneous or homogeneous classes, we must be attune to the individual needs of each student. With the variance of interest and ability, creating an individualized environment can be challenging. Through the use of data driven differentiation and the opportunity for student choice, it is possible to allow each student to engage in activities that not only address rigor, but also interest. Through the use of Google Apps for Education, specifically Google Forms and Sheets, it is possible to create an environment that effectively meets the needs of each student and holds them accountable through a choose your own adventure, challenge-based, game-style structure.

Five Strategies for Using Tech Tools to Empower Advanced Readers
Cindy M. Gilson
The intersection between modern technology and literacy is an exciting playground and learning platform for powering up advanced readers’ potential! In this interactive session, we will discuss how differentiating with technology can be multi-faceted and a powerful means to enhance readers’ creative and critical thinking skills which will better prepare them for their futures. Participants will learn five key strategies to challenge advanced readers. These include utilizing technology as a teaching, learning and collaboration, research, communication, and talent development tool. Participants will also leave this session with an expanded toolbox of online, innovative tech tools that correspond to each strategy.

Academies: Interest-Based Enrichment For Student-Driven Learning
Christy Howe
In this session participants will explore how to implement interest-based “Academies” to provide meaningful, real-world enrichment for academically and intellectually gifted students. Participants will leave with hands-on tools and resources for immediate implementation.
Lunchtime Speaker

Tech Tools and Resources to Whet Your APPetite for 2016
Brian Housand

In this lunchtime session, we will explore a BRAND NEW MENU of technology tools and resources that are even tastier and more APPealing than last year! You will be presented with a collection of APPetizers to tempt the mental taste buds of your students. Next a selection of high quality content resources will serve as the entree, and finally a collection of fun and whimsical tools will provide our dessert.

Breakout Session II

Promising Practices for Identifying and Serving Underrepresented Populations in Gifted Education
Del Siegle

Every child has a right to learn something new every day. Unfortunately, for many students from underserved populations this ideal is never realized. The National Center for Research on Gifted Education (NCRGE) is expanding our understanding of identification policies and procedures, instructional approaches, program curricula and content, and stakeholder involvement that contribute to gifted and talented students from underserved populations fulfilling their academic potential. We will share findings from NCRGE’s first year of work. These include practices associated with increased participation of underserved students in gifted programs and with higher levels of advanced achievement in reading and mathematics for underserved students.

Technology Tools to Integrate Games
Jeff Ertzberger

In this lively session participants will explore digital tools that enhance any subject through the use of games and game templates. Session will explore many tools available for engaging students through the use of games. Participants will learn how easy it is for them or their students to edit and use the games in their own classrooms. This workshop is great for participants of any technology ability or grade level. Participants will receive handouts that show how to access all the great technology tools shown in the presentation.

The Power of the Plan!
Sneha Shah Coltrane and Stephanie Cyrus

The countdown is on - our plan submission deadline is less than three short months away! So how’s your district’s plan development process coming along? What do you see in the future for gifted learners of your district and how must we alter our current practices to get to that reality? How can we use the plan development process to ensure we create High Quality (HQ) gifted programming across NC and provide experiences to optimally develop our gifted learners? Furthermore, how do we engage and empower our community of stakeholders to wrap support around our vision for gifted programming? If you’re curious about these questions, come and join your DPI friends as we take a moment to explore these ideas and more!
The M.Ed. with Specialization in Academically or Intellectually Gifted is a 33-hour program designed for K-12 educators who hold a minimum of a Standard Professional 1 or initial teaching license. Upon completion of the program, graduates will qualify for the Academically or Intellectually Gifted Add-on Licensure.

Program of Study

Professional Core
- EDL 530: Curriculum, Instruction, and Assessment
- EDL 513: Organizational Theory and Leadership
- EDN 525: Tests, Measures, and Measurements in Education

AIG Core
- EDN 552: Introduction to Gifted Education
- EDN 553: Social and Emotional Development and Guidance of Gifted Learners
- EDN 554: Curriculum, Methods, and Materials for Gifted Education
- EDN 555: Program Design, Implementation, and Evaluation in Gifted Education
- EDN 595: Using Technology with Gifted and Talented Students

Cognate Area (Choose One Area of Focus)
- Curriculum (3 courses)
- Leadership (3 courses)
- Research (3 courses)
- Special Populations (3 courses)
Special thank you to:

Duke University Talent Identification Program  
A nonprofit organization dedicated to serving academically talented youth.

For more information about  
the Master of Education with  
Specialization in Academically  
or Intellectually Gifted program,  
please visit our website at  
www.uncw.edu/ed/aig