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NTSA EcosySTEM OF LEARNING
AT I/ITSEC

The EcosySTEM of Learning (EoL) focuses on strategically and tactically building interest and educational momentum through a wide breadth of Science, Technology, Engineering and Mathematics (STEM) initiatives. The EoL mission is to establish, nourish, and maintain a solid foundation for launching future leaders and fostering the future workforce.

Designed for agility and diversity, the EoL is built upon four major cornerstones. Each cornerstone is comprised of initiatives which provide impactful substance to the EoL architecture and to those who engage.

OUTREACH
ENCOUNTERS THROUGH OBSERVATION, INTERACTION, AND IMMERSION.

- Student Tours
- Interaction with STEM focused organizations
- Path for year round engagement opportunities

DISCOVERY DEN
PLATFORMS PROMOTING PRESENTATION SKILLS AND SHARING OF SUBJECT MATTER EXPERTISE.

- Informative Exhibits
- Serious Games Showcase & Challenge
- Presentation Theatre

FOCUSED WORKSHOPS
CURRICULUM THROUGH CLASSES, SHORT COURSES, SEMINARS AND MORE.

- Teacher Focused
- Student Focused
- Workforce Development

CAREER INVESTMENT
ADVANCEMENTS WITH LONG TERM PROFESSIONAL GOALS IN MIND.

- Tutorials
- Professional Development Workshops
- Scholarship Program
- Career Fair
- Continuing Education Units (CEUs)
- University Collaboration

BOOTHS 2880 – 3191

NTSA EcosySTEM OF LEARNING
AT I/ITSEC

Launching Future Leaders • Fostering the Future Workforce

NTSA recognizes the need to maintain a strong workforce to enable the growth and development of the modeling, simulation, and training (MS&T) industry. Doing so requires strong, productive Science, Technology, Engineering and Mathematics (STEM) programs that are impactful to all phases of learning: absorption, nurturing, practicing. Disciplines applicable to current, emerging, and future requirements of MS&T are experienced through observation, interaction, and immersion.

NTSA enables a significant multidimensional STEM program platform which offers many opportunities at I/ITSEC and throughout the year. Initiatives are tailored to support (1) self-motivated learners that prefer independent learning, (2) friendly competitions, and (3) peer collaboration.

The EcosySTEM for Learning provides both physical and virtual platforms for global participation by students, teachers, and industry professionals. Experiences include observation, interaction, and situation immersion which tax the human sensory systems — which then becomes knowledge driven by curiosity and ambition.

At I/ITSEC, the EcosySTEM of Learning demonstrates applications of DoD technology through education initiatives, sample national initiatives highlighting military/community partnerships in education, benchmark outreach programs by companies to support education, undergraduate, graduate. and post graduate opportunities in STEM to support the future workforce. The program continues to adapt and incorporate the latest sciences and technologies into the many initiatives fostered with the ecosystem.

TEACHER FOCUSED: Teachers inspire and educate the modeling and simulation community's future professionals. Educator training, mentorship, and experiential opportunities support development and community engagement.

STUDENT FOCUSED: Programming is comprised of live, online, and on-demand opportunities for students to share their own experiences, to learn about what others are doing, and to interact with professionals.

WORKFORCE DEVELOPMENT: Building upon networks and relationships, today's workforce continues to thrive through life-long learning.

EcosySTEM OF LEARNING SCHEDULE

MONDAY, 28 NOVEMBER

ROOM W107A
0830 – 1700   K-12 Teacher Training

ROOM W107B
0830 – 1700   K-12 Teacher Training

TUESDAY, 29 NOVEMBER

ROOM W107A
0900 – 1600   STARBASE Teacher Training

ROOM W107B
0900 – 1600   STARBASE Teacher Training

ROOM TBD
1230 – 1300   Teacher Mentorship Meet and Greet
1300 – 1400   Intro to Modeling and Simulation for Teacher Mentorship Program

WEDNESDAY, 30 NOVEMBER

ROOM W107A
0900 – 1600   STARBASE Teacher Training

ROOM W107B
0900 – 1600   STARBASE Teacher Training

ROOM W110A
1200 – 1700   Career Fair

THURSDAY, 1 DECEMBER

ROOM W107A
0830 – 0915   Student Problem Challenge Launch
0930 – 1030   Career Panel
1030 – 1200   Student Problem Challenge

ROOM W107B
1030 – 1200   Student Problem Challenge

BOOTH 2588
1300   Serious Games Showcase & Challenge Awards Ceremony

DISCOVERY DEN BOOTH 3185
1300 – 1400   Student Problem Challenge Presentations/Awards

THROUGHOUT THE CONFERENCE
Booth 2880   Serious Games Showcase & Challenge

VISIT BOOTH 3185, THE DISCOVERY DEN INFO DESK, FOR THE LATEST EOL LINE–UP.
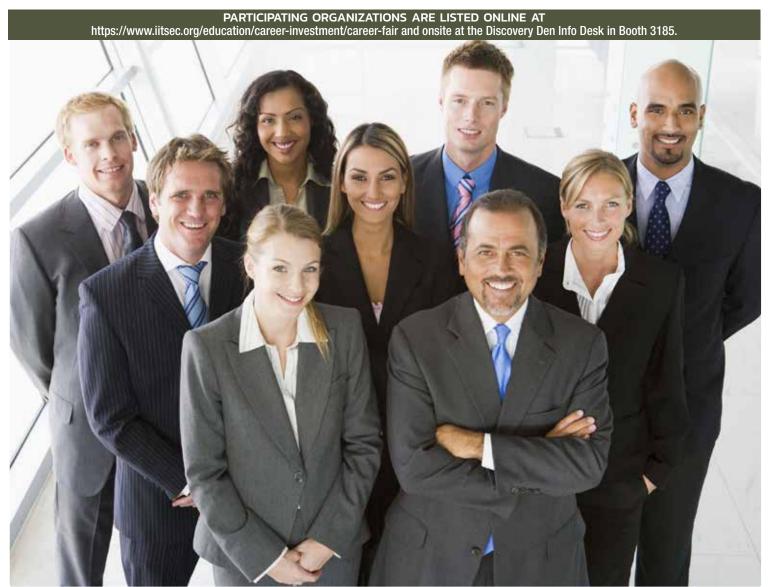
CAREER FAIR

NTSA CAREER FAIR AT I/ITSEC

Job opportunities are on the rise for the defense industry – leading the way for developing cutting-edge solutions. The career fair welcomes you to be part of the fast-growing Simulation and Training community.

Meet with industry and government organizations with opportunities for new graduates and transitioning professionals on Wednesday, 30 November from 1200 – 1700 at the OCCC in Room W110A for the I/ITSEC Career Fair. Contact Carol Dwyer at cdwyer@NTSA.org to register in advance.

This event provides:
• an opportunity to learn more about open jobs available from government and industry partners,
• networking for businesses with subcontracting needs,
• a space to learn about the government's perspective and process, and
• an environment to grow your network.

Career Fair attendees who didn't get a chance to register in advance are welcome to register onsite at Registration. Participating Organizations will be added as they are confirmed; please visit the I/ITSEC website for the most up-to-date information. If you have any questions while onsite, please visit the Career Fair in room W110A.

PARTICIPATING ORGANIZATIONS ARE LISTED ONLINE AT
https://www.iitsec.org/education/career-investment/career-fair and onsite at the Discovery Den Info Desk in Booth 3185.

SERIOUS GAMES
SHOWCASE & CHALLENGE

The Serious Games Showcase and Challenge (SGS&C) invites you to Booth 2880 to play this year's finalist games, immerse yourself in exciting PC, XR, and mobile learning experiences, meet the developers, and cast your vote for the People's Choice Award.

Visit the SGS&C to learn how games can address your serious learning needs and experience the games first hand!

Founded in 2006, the SGS&C aims to bring awareness of the impact that games have on learning, and to provide quality exemplars. Within a casual and interactive setting, the SGS&C provides a showcase of best-in-class learning games submitted by businesses, students, and government organizations while offering the developers recognition of their achievements as finalists and award winners.

Play the games and cast your vote for the People's Choice Award by 1800 Wednesday, November 30th.

The People's Choice Award is based on votes from attendees like you. Your I/ITSEC badge includes your ballot. Be sure to visit the booth to play the games and vote!

Hear the SGS&C awards announced live on Thursday, December 1st.

Join us at 1300 in the Innovation Showcase (Booth 2588) for the Awards Ceremony.

- ➢ Best General Audience Serious Game
- ➢ Best Government Audience Serious Game
- ➢ Best Student-developed Serious Game
- ➢ Best XR Serious Game
- ➢ Innovation Award
- ➢ Students' Choice Award
- ➢ People's Choice Award

Check out the Finalist Games BOOTH 2880

2022 Serious Games Showcase & Challenge

For more information:
Jenn McNamara
jmcnamara@breakawaygames.com or
sgschallenge@gmail.com

f **sgschallenge**

🐦 **@sgschallenge**

🌐 **sgschallenge.com**

in **serious-games-show-case-challenge**

SCHOLARSHIPS

33RD ANNUAL RADM FRED LEWIS POSTGRADUATE SCHOLARSHIP RECIPIENTS

In honor of RADM Fred Lewis, the former President of NTSA, these scholarships are offered to stimulate student interest and university participation in preparing individuals for leadership in the Modeling & Simulation, Training, and Education communities. By investing in our future workforce, the scholarships encourage expansion of the I/ITSEC community and promote innovation through direct investment in our community's future leaders. The awards are offered at a Masters level in the amount $5,000, and at a Doctoral level in the amount $10,000.

Joseph Bakhtiar
Georgia Institute of Technology
OPERATIONS RESEARCH/SYSTEMS ANALYSIS/MATHEMATICS

Crystal Fausett
Embry-Riddle Aeronautical University
HUMAN FACTORS

Paige Lawton
Embry-Riddle Aeronautical University
HUMAN FACTORS

Christopher Campanelli
University of Central Florida
ENGINEERING

Ryan Hilger
Colorado State University
ENGINEERING

Feena Phakasoum
University of San Diego
CYBER SECURITY

Daniel Colvett
University of Alabama in Huntsville
ENGINEERING

Cory Ilo
Virginia Tech
ENGINEERING

Maxwell Stolarenko
University of Central Florida
ENGINEERING

7TH ANNUAL LEONARD P. GOLLOBIN POSTGRADUATE SCHOLARSHIP RECIPIENTS

The **Leonard P. Gollobin Graduate Scholarship** program was generously bequeathed by Mr. Gollobin to direct students developing their technical talents into the defense industry. Throughout his career, Mr. Gollobin led scientific initiatives that improved our defense systems and strategically shaped our military capabilities. NTSA administers this scholarship with the intent to provide financial support for those seeking advanced degrees and a path to leverage their commitment to strengthen our nation's security. The awards are offered at a Masters level in the amount $5,000, and at a Doctoral level in the amount $10,000.

Sydney Begerowski
Clemson University
HUMAN FACTORS

Dillon Hill
University of California, Davis
INSTRUCTIONAL DESIGN AND TRAINING METHODOLOGY

Chase Burciaga
Texas A&M George HW Bush School of Government and Public Service
ENGINEERING

Kenzie Hurley
Clemson University
I/O PSYCHOLOGY

Nathan Colvin
Old Dominion University
INTERNATIONAL RELATIONS

Betta Lyon Delsordo
Georgia Institute of Technology
COMPUTER SCIENCE/INFORMATION SCIENCES

Cherrise Ficke
Florida Institute of Technology
HUMAN FACTORS

Briana Sobel
University of Central Florida
HUMAN FACTORS

Allison Garibaldi
University of Central Florida
HUMAN FACTORS

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BARBARA McDANIEL UNDERGRADUATE SCHOLARSHIP

NTSA continues the **Barbara McDaniel Undergraduate Scholarship** program this year to acknowledge the substantial contributions of a long-time I/ITSEC leader. Mrs. McDaniel, the recipient of the I/ITSEC 2017 Lifetime Achievement Award, tirelessly supported all aspects of I/ITSEC since 1993. She began her career as an educator, so these awards will honor her life-long passion in the education of our youth. NTSA understands the importance of students pursuing Modeling & Simulation degrees and how vital it is to the modeling, simulation, and training (MS&T) industry. These new scholarship awards will keep the MS&T workforce pipeline filled, now starting at the Undergraduate level.

In its third year, NTSA awarded $10,000 to each of three universities:
• **Georgia Institute of Technology,** Atlanta, GA
• **Texas A&M University,** College Station, TX
• **University of Colorado Colorado Springs,** Colorado Springs, Colorado

NTSA CMSP SCHOLARSHIP AT I/ITSEC

Tyler Kleinsasser
SD School of Mines and Technology
ENGINEERING

The Certified Modeling & Simulation Professional (CMSP) certification program was created in 2002 to provide the Modeling & Simulation (M&S) industry with its own professional certification that remains valid for four years before recertification is required. The CMSP designation recognizes professionals with extensive experience and expertise in M&S. The award is offered at the Masters level in the amount $5,000.

For more information about the CMSP program,
visit **www.NTSA.org/CMSP**.

(DON'T DELAY!)

IMPORTANT DATES FOR 2023

When to Apply Applications must be submitted by 23 June 2023.

How to Apply
See https://www.iitsec.org/education/career-investment/scholarships for complete application details.

Award Announcement 4 August 2023

POSTGRADUATE SCHOLARSHIPS

Looking for Future Leaders in the Simulation, Training and Education community? Learn more about the I/ITSEC community at **www.iitsec.org**.

Eligibility U.S. Citizens • Full-time Masters or Doctoral students (complete undergraduate work by Spring 2023).
See Study Disciplines at **https://www.iitsec.org/education/career-investment/scholarships**

Award Amounts Available for Fall 2023
$10,000 (Doctoral Candidates)
$5,000 (Masters Candidates)
Be our guest at I/ITSEC
27 November – 1 December 2023

Direct Further Inquiries To
I/ITSEC Scholarship Program
c/o The National Training and
Simulation Association
2101 Wilson Boulevard, Suite 700
Arlington, VA 22201
(703) 247-9490 or **rdespot@NTSA.org**

Scholarship Chair
Janet Spruill, Aptima, Inc.

ANNUAL I/ITSEC 5K RUN/WALK/ROLL

WEDNESDAY, 30 NOVEMBER 2022
OCCC, West Concourse, Hall D

0530   Packet Pickup

0645   Start Time

http://www.iitsec.org/attendees/planningyourstay • 📘 www.facebook.com/iitsec5k

All registered runners will receive a custom race tech shirt, finishers race medal, race bib and official timing by Milestone Race Authority, and pre- and post-race refreshments. Tax-deductible registration.

REGISTER BY 14 OCTOBER TO GET A SHIRT

Until 18 November
(shirt size subject to availability)
$40

19 November – 29 November
(shirts may not be available)
$50

Onsite, 30 November
(shirts not available)
$60
ONSITE DAY OF EVENT IS CASH ONLY.

CHARITIES THE 5K WILL SUPPORT

NTSA EcosySTEM OF LEARNING AT I/ITSEC

Tunnel to Towers Foundation
TUNNEL2TOWERS.ORG

TITLE SPONSOR

ASTi

Email Sean Osmond for Race Information at
iitsec5k@gmail.com
or Shannon Burch for Sponsorship information at
sburch@NTSA.org

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Earle L. Denton Memorial Golf Tournament

Organized by Central Florida Chapter NDIA • Sunday, 27 November **OR** Monday, 28 November

Shingle Creek GOLF CLUB

Rosen Shingle Creek Golf Club
9939 Universal Blvd, Orlando, FL 32819 • 407-996-9933 • www.shinglecreekgolf.com

DEADLINES

Golf On-Line Registration	21 November
Sponsorship	18 November

TOURNAMENT TIME

Sunday	1100 Registration	1230 Shotgun
Monday	0630 Registration	0730 Shotgun

POINT OF CONTACT

Debbie Berry   407-748-3807 • debbie.berry@lmco.com

FORMAT

Captain's Choice / Scramble

PAIRINGS & REQUESTS

Final assignments and pairings will be made by the tournament coordinator. Priority is based upon receipt of payment.

NOTE: To guarantee requested pairings, all golfers (two, three or four) MUST be entered during a single login session. Golfers registering separately MUST clearly specify pairing requests under comments. The tournament coordinator will attempt to honor all requests.

CANCELLATIONS

Must be received via email to **debbie.berry@lmco.com** by close of business 11 November to receive 50% refund. No refunds thereafter. Substitute golfers are permitted.

ON–LINE REGISTRATION

• Register and/or select sponsorship at **https://www.iitsec.org/attend/registration-fees**
• Register one to four players per login.

FEES

$100 per player *(green fees, range balls, cart, lunch)*

Coordinate club rentals directly with the Rosen Shingle Creek Golf Club pro shop.

SPONSORSHIPS

Details available at **iitsec.org**

Select hole, beverage cart, lunch, putting contest or a sponsorship package.

Fees start as low as $500.

SPONSORS

Send your logos via email to **debbie.berry@lmco.com** no later than 18 November. Do not bring your own sign.

*Scholarships and additional qualified initiatives supported through tournament proceeds. For a full list of initiatives (STEM, etc.), contact Central Florida Chapter NDIA.