

2023 Manufacturing, Engineering, Construction and Architecture Expo (MECCA)



Tuesday, April 4
9 a.m. – 2 p.m.
SPC Clearwater Campus
2465 Drew St. Clearwater, FL

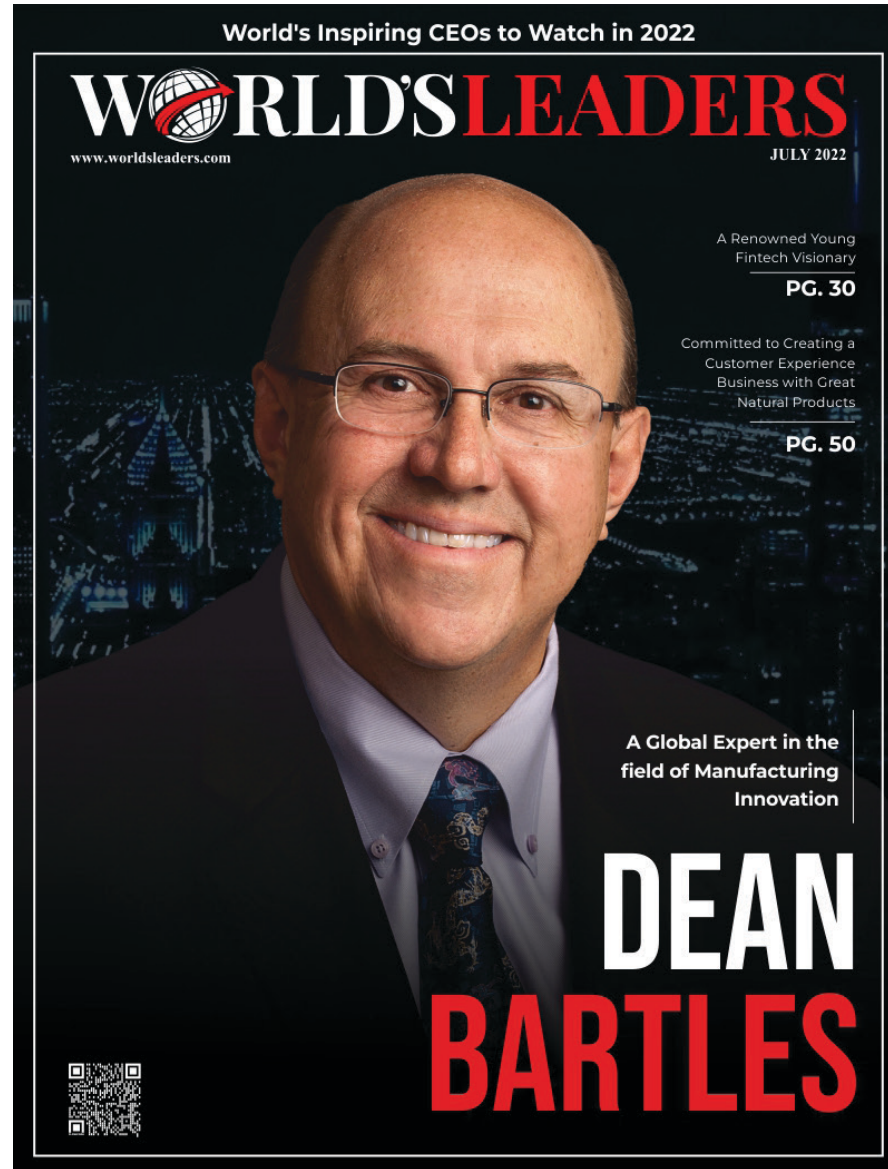
Keynote Speaker - Dr. Dean Bartles

Dr. Dean Bartles is a seasoned operations professional with four decades of management experience in manufacturing and technology. He is currently the President and CEO of the Manufacturing Technology Deployment Group, Inc., a not-for-profit holding company of both the National Center for Defense Manufacturing and Machining (NCDMM) and Advanced Manufacturing International, Inc. (AMI).

Since 2010, Dr. Bartles served as a board member for NCDMM before joining as the President and Chief Executive Officer in May 2019. Prior to this, he served as the President of the National Tooling and Machining Association and was previously the Director of the John Olson Advanced Manufacturing Center at the University of New Hampshire. Dr. Bartles was the founding Executive Director of the Digital Manufacturing and Design Innovation Institute in Chicago and the Chief Manufacturing Officer of UI LABS. Dr. Bartles worked for General Dynamics Corporation for 30 years, where he was responsible for setting up and running manufacturing operations in Egypt, Turkey, and the United States. Between 2001 and 2014, Dr. Bartles increased sales at General Dynamics Corporation from \$135 million to over \$600 million. Before his time at General Dynamics Corporation, Dr. Bartles worked for Fairchild Republic Company as an Industrial Engineer for approximately five years.

Dr. Bartles served as the 2016-2017 President of the North American Manufacturing Research Institute, the 2016 President of the Society of Manufacturing Engineers, the founding Chairman of the Smart Manufacturing Leadership Coalition, and the Chairman of the Board of the National Center for Defense Manufacturing and Machining. He graduated from Indiana State University, earning a Ph.D. in Technology Management with a concentration in Manufacturing Systems.

Dr. Bartles' skills in advanced manufacturing technology areas include Digital Manufacturing, Model Based Enterprise, Industry 4.0, smart manufacturing, Additive Manufacturing, advanced robotics, and brilliant factory concepts.



Why St. Petersburg College

- 1 LOW TUITION – HIGH WAGES**

SPC doesn't just save you money, we help you make money. Our tuition is half that of state universities. That means your scholarships and hard-earned dollars go further at SPC. And our graduates are ranked #1 in Florida for earning the highest entry wages.
- 2 TAILORED SUPPORT**

At SPC, you get personalized support in a timely manner. Whether it's choosing the right classes, finding the best FREE tutor or landing your dream job, we go the extra mile to see you succeed. Our guided academic pathways and free career and academic advising keep you on track to your end goal.
- 3 GRADUATES GET JOBS**

Our graduates have a 90% placement rate thanks to our career-focused programs. At SPC, we train you in high-demand fields so you gain the technical skills that employers want. Our training gets you into a career, and our degrees help you advance.
- 4 ACCREDITATION**

Accreditation by the Southern Association of Colleges and Schools Commission on Colleges assures your credits from SPC transfer to any other regionally-accredited college or university. Our Associate in Arts degree assures your admission as a junior to one of the state's 12 public universities. An additional 22 programs are programmatically accredited by their corresponding national accrediting agency.
- 5 EXCELLENCE IN EDUCATION**

Get a taste of the real world through hands-on activities right in your classroom, or explore our programs that can literally take you around the world, like Study Abroad and Model United Nations. With our internships, you'll be ready to hit the ground running in your career. We also offer dozens of clubs, so no matter your interests, you'll find your place at SPC.
- 6 SCHOLARSHIPS & FINANCIAL AID**

Each year, SPC awards about \$6 million in scholarships for academic excellence, as well as talent and achievement in a variety of areas, such as the arts or athletics. Scholarships also include Bright Futures Scholarships, Study Abroad, military and private scholarships. Best of all, you don't have to pay them back. SPC also accepts financial assistance for those who qualify.
- 7 ONLINE PROGRAMS**

We are a top provider of online education in the Florida College System, offering more than 40 programs fully online. In addition, our nationally-recognized program offers hundreds of online college courses in dozens of majors – plus online student support services at your fingertips.
- 8 INDUSTRY-BASED PROGRAMS**

At SPC, we offer dozens of industry-recognized certifications, more than 110 academic programs and 19 bachelor's degrees in clearly defined pathways to get you to the finish line sooner. St. Petersburg College degree programs are tailored to meet the needs of local industries, so you'll be job-ready at graduation. Our programs also prepare you for the next level of study at universities.
- 9 FREE COLLEGE CREDIT**

St. Petersburg College wants to help you finish your degree. We offer many ways to earn up to 45 college credits for your mastery of subjects, experience, military training, previous education or industry certification.
- 10 CAREER & ACADEMIC COMMUNITIES**

Our degree offerings are organized within Career and Academic Communities to connect your educational journey with your intended career outcome. Our associate and bachelor's degree communities include the integration of stackable certificates, industry certifications and internships and practicums, where you'll gain real-world experience to prepare you for the workforce.

Program

Welcome

9:00 a.m.

Greetings from SPC Leadership:

- Dr. Sidney Martin, Program Director, Engineering, Manufacturing, & Building Arts, St. Petersburg College
- Dr. Tashika Griffith, Provost, Clearwater Campus, St. Petersburg College

Industry Guest Speaker:

- Christine Clauson, Process Engineer, Plasma - Therm

Keynote Speaker:

- Dr. Dean Bartles, CEO, Manufacturing Technology Development Group

Q&A

10:00 a.m.

Greetings from SPC Leadership:

- Dr. Sidney Martin

Industry Guest Speakers:

- Dr. Rebecca Smith, President & CEO, A.D. Morgan Corporation
- Greg Serio, Workforce Development Manager, Homeless Empowerment Program
- Calvin Brown, Workforce Development Administrator - Distance Learning Coordinator, Pinellas County Urban League
- Dr. Dean Bartles
- John Bowden, Senior Vice President, Moss Construction

Q&A

11:00 a.m.

Industry Guest Speakers:

- Dr. Brian Bell, Biomedical Engineering Technology, St. Petersburg College
- John Bowden

12:00 p.m.

Greetings from SPC Leadership:

- Dr. Sidney Martin
- Dr. Natavia Middleton, Dean of Natural Science, Engineering, Manufacturing, & Building Arts, Veterinary Technology, St. Petersburg College

Industry Guest Speakers:

- Greg Serio
- Calvin Brown

Keynote Speaker:

- Dr. Dean Bartles

Q&A

1:00 p.m.

Industry Guest Speakers:

- Dr. Andres Cardenas, Electronics & Mechatronics - Engineering Technology, St. Petersburg College
- Dr. Michelle Cardenas, Research Engineer, University of South Florida
- Christine Clauson

1:30 p.m.

Open Discussion with the Audience:

- Dr. Dean Bartles
- Greg Serio
- Calvin Brown

1:50 p.m.

Closing:

- Dr. Sidney Martin

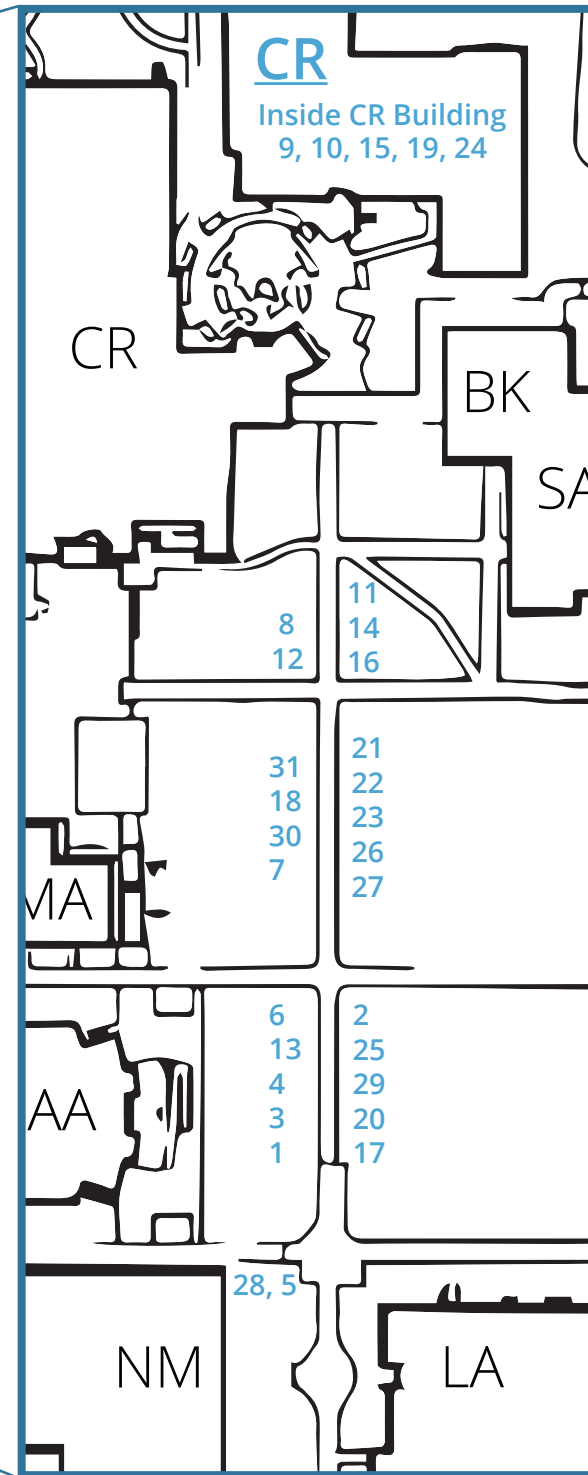
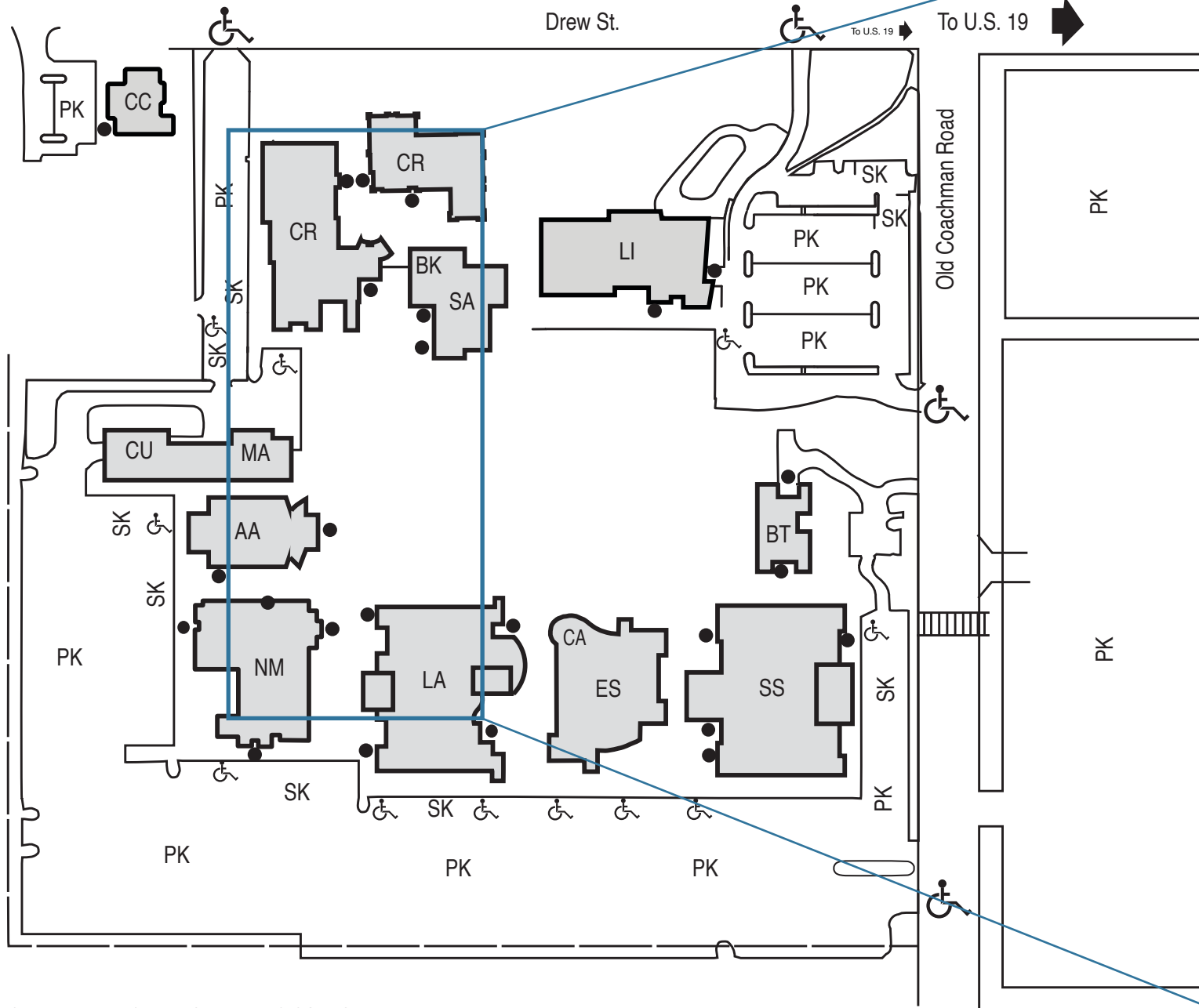
Thank You



Clearwater Campus

EXPO Key

Clearwater Campus
2465 Drew St.
Clearwater



CLEARWATER CAMPUS BUILDING CODES

- | | | |
|---|--|---|
| AA - Arts Auditorium | LA - Language Arts | NM - Natural Science, Math and College of Education |
| BK - Bookstore | • Admissions | PK - Student parking |
| BT - Business Technologies | • Advising | SS - Social Sciences |
| CA - Cafe/Food services | • Business Office | SK - Staff parking |
| CR - Crossroads | • Financial Aid | SA - Student Activities |
| CC - Collaborative Center for Emerging Technologies | • Testing | |
| CU - Central Utilities | LI - Michael M. Bennett Library and Learning Support Commons | • Bookstore |
| ES - Ethics and Social Sciences | MA - Maintenance | • Student Life and Leadership |
| | | • Wellness Center |

Employer Name	Room/Table #
Align Precision	25
AmSkills	CR - 170 - 15
Ball Corporation	21
Chad Marin	CR - 182 - 9
Creative Contractors Inc.	6
DeAngelis Diamond Construction	26
EEl Manufacturing Services	16
Engineered Fluids	28
Fastenal	2
FLATE	CR - 170 - 10
Fleischman Garcia Maslowski Architecture	3
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Kemco Systems	20
Koral Manufacturing	14
McCormick Stevenson Corp	13
Moffitt Cancer Center	12
Monin	27
Moss Construction	4
Plasma-Therm	1
Probo Medical	22
Scherer Construction LLC	11
Shadow Caster	23
Smith Fence	5
SPC STEM	8
SPC Tarpon Springs Collegiate High School	30
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SEPTEMBER 12



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While we provide a wide range of construction and facilities services designed to maximize value - from initial building studies right up handing you the keys - you are always our focus. Our true open book, partnership approach has resulted in measured growth and long-standing customer relationships; we are proud to say our business comes from repeat customers.

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