

His idea grew out of necessity and became an award-winning invention

An idea that grew out of a frightening health episode that Chris Manning's young son experienced in 2016 earned Chris a top honor at the 21st Annual Disability:IN conference held this past summer in Las Vegas, Nev. Now, he's in discussions with a major company to market the invention he presented during the Talent Accelerator competition geared toward integrating technology into the lives of people with disabilities, part of the conference he attended through the College's Workforce Recruitment Program.

In December 2016, Chris's son Tyler, a Type 1 diabetic who was 8 years old at the time, had his blood sugar dip dangerously low and he became disoriented, unable to recognize his father and those around him. Chris called paramedics for medical assistance, but he began to wonder what would happen if this occurred when his son was older, alone, and unable to call for help.

So Chris began working on a prototype of a remote glucose monitoring system that would respond if the blood sugar of the individual using the pump goes below 70 or above 300. A signal would be sent to a monitoring station that would then send another signal prompting the user to initiate the pump. If he or she doesn't respond within five minutes, it would contact paramedics and supply the location of the user via the embedded GPS. "The idea really was to try to save as many people as possible," Chris explained. "To not have people die for the simple reason that they were alone, and their blood sugar went too low causing them to go into a diabetic coma."

His son tried the prototype and Chris filed for a couple of product patents including utility and design while balancing studying Computer Networking Systems and Cyber Security and Computer Repair and Networking, working in the College's IT department, being a father of three young children, and participating in the Educational Opportunity Program (EOP). The Talent Accelerator competition that he learned about through Dawn Jones in the Career Services Office presented him with the opportunity to showcase his idea at the conference, which annually brings together individuals and employers from across the country to further disability inclusion.

"The main purpose was to go for the Innovation Lab, part of the Talent Accelerator at the conference and get in front of all of these companies," Chris explained. "It was a way to catapult my idea and it paid off." He teamed up with nine other students and recent



Chris Manning with his son Tyler, age 10. Chris is in discussions for production of the remote glucose monitoring system he invented.

graduates from across the country to present his invention to executives from Fortune 500 companies including Boston Scientific, Northrop Grumman Corporation, Mitsubishi Electric US, Inc., and Walmart. Only two teams, from an original group of eight, were selected to make final presentations to the corporate executives.

Chris and his team members earned cash prizes and he is now in discussions to make the prototype come to life. He'll be hired as an independent contractor to consult on production. He is also starting a consulting firm as he develops other ideas for ways to make life better for those with disabilities.

His interest comes not only from wanting to help others, but from his own experiences as someone requiring accommodations following an accident while working as a landscaper and a car accident that resulted in a spinal cord injury. This required that a spinal cord stimulator be placed in his lower back and neck, along with a neck fusion, years of physical therapy, and multiple injections to help with daily motion.

He plans to graduate from the College in December, work in the computer science field, and develop products to assist those with disabilities. "This wasn't designed for a profit," Chris said. "It was designed to make an impact."

Good Luck on finals! December 17-December 22
Winter Session Classes begin on December 26
Spring Semester starts January 22



Math Lab
Elston 518/518-381-1435
Monday-Thursday 8:30 am-7 pm
Friday 8:30 am-4 pm
Saturday 10 am-3 pm
(More resources for students on
back page.)

College welcomes new faculty and staff

Chad Hickman, Educational Aide for Career Services - Previously Chad was Residential Director at Westfield State University and Assistant Director of Residence life at Presbyterian College. He holds an M.S.Ed. in Student Affairs Counseling and a B.S. in Business Administration from Youngstown State University.



Lucas Lavera, Academic Advisor Previously, Lucas was the Intercultural Coordinator at the College of Saint Rose. He holds his B.A. in Creative Arts from Siena College and is pursuing his M.S.Ed. in Higher Education Leadership and Administration at the College of Saint Rose.



Racene Lawes, Academic Advisor Previously, Racene was a Supported Education Counselor at Northeast Career Planning. She holds her M.S. in Mental Health Counseling and B.A. in Psychology from the University at Albany and A.A. in Humanities from Onondaga Community College.

Sean M. Maguire, Vice President for Workforce Development and Community Education Previously, Sean worked for the Capital District Regional Planning Commission as Director of Economic Development and Data Services and for New York State and Albany County in planning and economic development roles. He holds his Master of Regional Planning in Housing, Community, and Economic Development, Master of Public Administration in Public Sector Management, and B.A. in Geography and Urban Studies from the University at Albany. He is also a graduate of the University of Oklahoma's Economic Development Institute and the Capital Region Chamber of Commerce's Leadership Tech Valley, was named to the *Albany Business Review's* "40 Under 40" for 2017, and is a member of the American Institute of Certified Planners (AICP).



Jessica Osier, Information Processing Specialist II Previously, Jessica worked for Schenectady County as a 911 Dispatcher for police, fire, and EMS.

Olivia Roig, NEH Success Coach, Criminal Justice Previously, Olivia was a teaching assistant at Bowling Green State University. She is in the History Ph.D. program at the University at Albany and holds an M.A. in History from the University at Albany, an M.A. in Popular Culture from Bowling Green State University, and a B.A. in Social Science and a B.S. in Psychology from Cazenovia College.



Sarah Romeo, Student Success Coach Previously, Sarah was the Scheduling and Academic Services Coordinator at Boston University Tanglewood Institute. She holds her B.M. in Professional Music from Berklee College of Music and A.S. in Performing Arts: Music from SUNY Schenectady.



“**T**his award helped me a lot in purchasing most of my textbooks that I needed for the semester. It was my first time trying to apply for a scholarship and I wasn't sure if my essay was even good enough to earn a scholarship, but I tried and I succeeded. It's better to try and fail than never know and always wonder. The scholarship was very appreciated. I advise all SUNY Schenectady students to take advantage of all these opportunities that the College and the community offer.”

— Hemwattie Ramnauth, Business Administration major and recipient of the Soroptimist International of Schenectady - Beatrice Hocking Award

Get ready to apply for a scholarship

Scholarship applications will be available on Jan. 1, 2019. Apply for scholarship money for next year to help with tuition, books, and costs associated with your education. Visit sunysccc.awardspring.com. The SUNY Schenectady County Community College Foundation offers more than \$200,000 in scholarships.

Get a head start

Think about what you will include in your essay, part of the scholarship application.

- What has your journey to SUNY Schenectady been like?
- Have you faced/overcome any obstacles to pursue your education here?
- Have you faced any financial obstacles?
- Describe your goals as a student at SUNY Schenectady.
- How do you plan to use your degree?
- How will a scholarship help you reach those goals?

A thorough essay response will typically be about 500 words.

Application Deadline: March 30, 2019



Dr. Karen Hosmer with music students Hidaya Fowler, Franklin Singleton, and James Cronier

Off to Temple University

Tayron Lopez graduated from SUNY Schenectady in 2016 with his degree in Liberal Arts and then transferred to The Sage Colleges for his bachelor's degree in Fine Arts. Next semester he's off to Temple



University for his Master's in Fine Arts. His mission is "to be known as a great artist." He would like to go back to the Bronx, where he grew up, to teach art as well. (He designed the hoodie he's wearing.)

Who wrote your textbook? Open Educational Resources valuable for students

Students taking MUS 147: Music Fundamentals this semester know that the author of their textbook is close by and stop her in the hallways often to ask her questions. "Students will say 'I know you wrote the book, so you must know the answer,'" explained Dr. Karen Hosmer, Professor in the School of Music. Her textbook is being used this fall in the music theory course that is part of the certificate program.

Her textbook, *Music Fundamentals, An Introduction to Written Music Theory*, is part of the Open Educational Resources (OER) initiative aimed at decreasing costs for students by offering free textbooks and resources. This fall is the first semester that the book is available for students in its entirety.

The books are printed in the College's Duplicating Center and organized for distribution by Library staff. Students receive them in class on their first day, free of charge.

What's next? Map it out

What are you planning to do after you graduate from SUNY Schenectady? Many students continue their education at a four-year college for a bachelor's (B.A., B.S., or B.T.) degree, entering as juniors or third-year students.

SUNY Schenectady has transfer agreements with many colleges and universities so that credits transfer easily. Plus, Delhi University offers bachelor's degrees right here on the SUNY Schenectady campus, and Bellevue University has a liaison on campus for their online degree programs.

Talk to someone about transferring. Visit the Academic Advisement Center in Elston Hall, Room 222, to speak with an Academic Advisor.



Holiday spirit

Members of the Student Volunteer Organization wrap shoeboxes filled with gifts that will be distributed to children around the world through Operation Christmas Shoebox.

The students purchased gifts and collected them from friends, family, and other students.

Front row: Professor Renee Adamany - Advisor, Carin Cummings, Maarja Paul, Brianna Valente
Back row: Michael Tilison, James Hunt, Spenser Interlicchio and Ashley Wimble



Upcoming Concert

Chorus & Vocal Chamber Ensemble
Monday, December 10, 7:30 p.m.
Taylor Auditorium, free.

More upcoming concerts on page 4.



Jazz Ensemble, directed by Dylan Canterbury, and Percussion Ensemble, directed by Andrew Janack Wednesday, December 5

Upcoming Concerts

All take place @ 7:30 p.m. in the Taylor Auditorium and are free.



Chamber Ensembles featuring Brass Ensemble, directed by Dr. Allyson Keyser, and Saxophone Quartet, directed by Brian Patneude Thursday, December 6



Jazz Combos directed by Brian Patneude Wednesday, December 12



Wind Ensemble directed by Brett Wery, Dean Friday, December 14

Campus Resources

Academic Advisement

Elston 222/381-1277

Monday - Thursday 8:30 am-6:30 pm

Friday 8:30 am-4:30 pm

Academic Computing Lab

Elston 529, 530/381-1213

Monday-Thursday 8:30 am-10 pm

Friday 9 am-4 pm

Saturday 9 am-3 pm

Accounting/CIS Tutor Lab

Elston 330/381-1041

Check lab for hours.

ADA Transition Services

Elston 222/381-1345

Monday-Friday 8:30 am-4:30 pm

Admissions

Monday - Thursday 8:30 am-6:30 pm

Friday 8:30 am-4:30 pm

Athletics

Elston 222/381-1356

Monday-Friday 8:30 am-4:30 pm

Business Office, Student

Elston 219/381-1346, 1347

Mon.-Fri. 8:30 am-4:15 pm

Cafeteria

Elston/381-1330

Mon.-Thurs. 7:30 am-8 pm

Friday 7:30 am-2 pm

Canal Side Cafe/Convenience

Elston Ground Floor/381-1073

Monday-Thurs. 7:30 am-6 pm

Friday 7:30 am-1 pm

Career and Transfer Services

Elston 221-I/836-2807

Monday-Friday 8:30 am-4:30 pm

College Store

Elston 109/381-1332

Monday, Tuesday 8 am-6 pm

Wednesday, Thursday 8 am-4 pm

Friday 8 am-2 pm

Educational Opportunity

Programs/Access

Elston 222/381-1279

Monday-Friday 8:30 am-4:30 pm

Financial Aid

Elston 221/381-1468

Monday, Tuesday 8:30 am-4:30 pm

Wednesday 8:30 am-4:30 pm

Thursday 8:30 am-6:30 pm

Friday 8:30 am-4:30 pm

Language Lab

Elston 520/381-1373

Monday, Thursday 12-6 pm

Tuesday, Wednesday 10 am - 4 pm

Saturday 10 am - 1pm

Learning Center/Writing Lab

Elston 523/381-1246

Monday-Thursday 8:30 am-7 pm

Friday 8:30 am-4 pm

Saturday 10 am-3 pm

Library (Begley)/381-1235

Mon.-Thurs. 7:45 am - 9 pm

Friday 7:45 am - 4:30 pm

Saturday 11 am - 4:45 pm

Math Lab Elston 518/381-1435

Monday-Thursday 8:30 am-7 pm

Friday 8:30 am-4 pm

Saturday 10 am-3 pm

SCCC Integrated Montessori

Preschool Gateway 124/381-1455,

381-1295 (Call for program info.)

Monday-Friday 8 am- 4 pm

Registrar's Office Elston 212/215

381-1348, 381-1349/ext. 1148

Monday - Thursday 8:30 am-6:30 pm

Friday 8:30 am-4:30 pm

Student Affairs, Vice President

Elston 222/381-1344

Monday-Friday 8:30 am-4:30 pm

Student Government

Elston 220H/381-1338

Check office for hours.

Testing Center

Elston 427/381-1293

TestingCenter@sunysccc.edu

Monday-Thursday 8:30 am-7 pm

Friday 8:30 am-4:30 pm

Saturday, 10 am-2 pm

TRIO Student Support

Services Elston 328/381-1465

Monday-Friday 8:30 am-4:30 pm

Tutor Services

Begley Library 210/381-1461

Mon.-Thurs. 9 am-4 pm

Friday 9 am-3 pm

(Coordinator)

Sign up here: sunysccc.upswing.io

Veterans Affairs

Elston 223/381-1284

See office for hours.

Wellness and Support

Services

Elston 222/381-1365

Monday-Friday 8:30 am-4:30 pm

Workforce Development

Kindl Bldg., 201 State St.

595-1101, ext. 3

Monday-Friday 8:30 am-4:30 pm

YWCA Children's Center

Gateway Bldg./381-1375/1389

Monday-Friday 7:30 am-5:30 pm