

# Meet the 2016 Members of OP-TEC's Photonics Alumni Council for Technicians

## Chris Baggett

Chris Baggett graduated in May 2015 from Central Carolina Community College with an associate's degree in laser and photonics technology.

Currently, he is an Operator Level 2 at Northrop Grumman.

## Matthew Darden

In 2015, Matthew earned an associate in applied science degree in laser/electro-optics technology from Indian hills Community College.

Matt is a Customer Service Engineer at Lumenis, a medical laser company and is currently training with other technicians. He works on medical laser equipment and installations for new equipment within his assigned territory.

## Colt Dudley

Colt Dudley graduated from Central Carolina Community College in May 2015 with an associate's degree in laser and photonics technology.

At the moment, Colt is employed by Aqueti, Inc. in Durham, North Carolina. For the past month, Colt has been designing a new camera. His CAD drawings are being reviewed by the company president, and Colt expects to receive positive feedback and constructive criticism on his design.

## Tyler Dumbacher



In May 2014, Tyler graduated from Indian Hills Community College with an associate in applied science in laser/electro-optics technology.

Tyler is a Laser Technician for Akima Infrastructures (LLNL) at the National Ignition

Facility (NIF). He works in the injection laser subsystem at NIF where he operates, performs maintenance, and troubleshoots the front end of the vast laser system that makes up NIF.

## Riley Guest



Riley earned an associate in applied science degree in laser/electro-optics technology from Indian Hill Community College in 2015.

He is a laser technician for Foro Energy. His responsibilities include everything from maintenance

and troubleshooting laser systems to working with engineers on new design projects.

## Brandon Hasley

Brandon graduated from Indian Hills Community College with an associate in applied science in laser/electro-optics technology.

Currently, he is an Optic-Mechanical Engineering Technician at Lawrence Livermore National Laboratory. He works in the facility that fixes damaged optics that go into the NIF beamline. He also conducts testing for data collection for engineers for R & D projects.

## Daniel Henderson

Daniel earned an associate in applied science degree in laser/electro-optics technology from Indian Hills Community College and graduated with honors.

He is a laser technicians at Cutting Edge Electronics where he is responsible for building and analyzing commercial laser systems.

## Jeremy Knoll



Jeremy graduated from Central Carolina Community College with an associate in applied science in laser and photonics technology.

He currently is a Laser Technician at Megawatt Lasers. He handles research and development of solid

state lasers, testing maintenance, and is in charge of IT for the company.

## Robert Kraft

Robert earned an associate in applied science in laser/electro-optics technology from Indian Hills Community College.

He is employed at Lawrence Livermore National Laboratory where he is a Laser Electro-Optics Technician. He is an operator in the Ignition Laser System at NIF and part of one of the subsystems that helps control experiments with the world's most powerful laser.

## Chris Loehr



Chris earned an associate degree in laser and photonics technology from Central Carolina Community College in May 2015.

Chris is a Slab Fabrication Operator at Northrup Grumman Synoptics. He works with a variety of

production parts to cut the crystals down to size and get them to match the specifications. He also works with engineers to help solve problems, do testing, and provide feedback.

## Trenton Northup



Trenton graduated in May 2015 from the Indian Hills Community College Laser/Electro-Optics Technology Program.

He is currently employed at Lawrence Livermore National Laboratories as a Laser Research Engineer/Technician

Level 4. He works in the control room at the National Ignition Facility (NIF) and is responsible for laser beam alignment at NIF.

## Luka Papike

Luka graduated from Indian Hills Community College in May 2015 with an associate in applied science in laser/electro-optics technology.

Currently, Luka is an Engineer Tech 4 for Akima, a contractor company working with the Lawrence Livermore National Laboratory. He works at the National Ignition Facility and deals with the injection laser system (ILS). He also pulsates the laser, makes sure it has the correct wavelength, and he troubleshoots any problems that arise.

## Carlos Salas



Carlos graduated from Central Carolina Community College with an associate in applied science in laser and photonics technology and earned a certificate in electronics engineering technology.

He is currently a process technician at Phononic, a thermoelectric company. He assembles the final product to developing new programs on a pick and place machine.

## Max Schiller



Max graduated Indian Hills Community College with an associate's degree in laser/electro-optics technology in 2014.

Max is employed as an Optics Technician 2 at ABS Global, a bovine genetics company. Much of the work

he does is proprietary, and Max really enjoys the new technology that he gets to work with.

## Aaron Schwehofer



Aaron graduated from Central Michigan University in 2007 with a Bachelor in science. In 2012, he earned an associate in applied science degree in laser/electro-optics technology at Indian Hills Community College.

Since 2012 he has been a manufacturing laser technician at L-3 Insight Technology. To name a few of his job responsibilities, he troubleshoots laser systems, aligns and maintains production work stations for laser systems, and cleaning and grading optics.

## David Voytik



David earned an associate in applied science in laser and photonics technology from Central Carolina Community College.

He is a Road Engineer, Software Tester and Camera Array Operator. He fabricates, test and operates

cutting edge camera arrays for professional boxing (PBC).