

2017-2018

Honors Opportunities

Polytechnic Campus

TEM

Faculty Honors Advisor

Steve T. Cho, Ph.D. , MBA
Office: Sutton 340B
Phone: 480-727-1355
Email: steve.cho@asu.edu

Polytechnic School/TEM
Advising Center

[TEM Advising](#)

Waner201
480-727-1874
technology@asu.edu

Barrett Honors Advisor
Brady Hamilton
brady.hamilton@asu.edu

<http://barrettpoly.asu.edu>

The Polytechnic School

and Barrett, the Honors College work together to provide their student's academic advising, research and internship opportunities, scholarship information and access to distinguished lectures and other special events.

By taking TEM courses under an honors designation, honors students work on special projects that provide them an expanded understanding of the course subject matter. Often, these courses have a lower student-to-faculty ratio, allowing the students to work on exciting research with faculty members. Such experiences distinguish honors students from other students and help them gain entrance to graduate programs or garner sought-after jobs. Honors students receive special invitations to various events, including meeting industry, faculty, and staff. They can also gain funding for research or travel to conferences held in other cities.

Offerings for Honors Enrichment Contracts

TEM230: Creativity and Business Innovation, Instructor: Kennedy

TEM250: Design Methodology, Instructor: Kennedy

TMC310: Promoting the Enterprise, Instructor: Cho

TMC320: Funding the Enterprise. Instructor: Chavez

TEM400: Technology Entrepreneurship, Instructor: Chavez, Cho

TMC430: Enterprise Strategy and Innovation, Instructor: Waissi

TEM482: Start-Up Workshop, Instructor: Cho

TEM Honor Theses

Thesis Title	Thesis Director	Semester
Entrepreneurial Development of 3-D Cycler: 3-D Printing Using Recycleable Materials	Dr. Steve T. Cho	Spring 2017
Business Opportunity Analysis: Cannabis Sharecropping Garden	Dr. Steve T. Cho	Spring 2017

TEM Faculty and Thesis Options

Students looking for faculty members to supervise their honors theses can review the following list. Students may work with others, as well, and this list is intended as a starting point only.

Research areas in the TEM can be found at:
<http://poly.engineering.asu.edu/tem/>

Faculty members who encourage Honors work in the area of Technological Entrepreneurship and Management include:

Faculty Name	Email	Research Interest
Steve T. Cho, Ph.D., MBA	steve.cho@asu.edu	Entrepreneurial Marketing, Technology Entrepreneurship, and Leadership. Technology interests: Micro-electromechanical systems (MEMS), nanotechnology, electrodeposition, microfluidics, micro-sensors and actuators (IoT), and novel materials. Applications include inertial instruments, displays, electronic packaging, drug delivery, portable power
Aram Chavez	aram.chavez@asu.edu	Crowdfunding, beta development, capital structure, guerrilla marketing, international business
Chad Kennedy, Ph.D.	ckennedy@asu.edu	Entrepreneurship, biomedical engineering, design, mechanical engineering, fabrication, creativity
Gary Waissi, Ph.D.	gwaissi@asu.edu	Systems analysis and modeling, statistical modeling, probability theory, operations research, strategic planning and management
Richard Filley	filley@asu.edu	Social entrepreneurship, innovation and creativity, global engineering, leadership development
Jason Abromowitz	jbronowi@asu.edu	Business education, statistics, online education, entrepreneurship, microeconomics
Carolyn Hirata	carolyn.hirata@asu.edu	Management, organizational behavior, leadership development and team building.

Guidelines/Checklist for honors theses in the Polytechnic School - TEM

*The following provides general guidelines. Please check with the Barrett Honors College guidelines for updated information:

- Make sure you meet with your Barrett Advisor, Brady Hamilton, for your mandatory junior advising to go over the thesis process.
- The student is responsible for formulating the thesis topic, for requesting faculty to serve on the committee, to submit the necessary forms to the Honors College, and to inform the chair of the committee of all Honors College requirements and deadlines.
- Thoroughly review the Thesis/Creative project handbook and reference it throughout your project. Be aware of the deadlines and expectations of the project.
- Brainstorm ideas for your topic. Think of topics that you have a passion for and that may assist you with future goals. The students can start thinking of thesis topics as early as their freshman and sophomore years. The students should definitely have a clear plan of the thesis topics or research by their junior year.
- Investigate the research areas of the faculty in your department or in a related field and Create a list of questions and topic ideas to discuss with a potential thesis director.
- Set up a meeting with a potential thesis director. Refer to the Faculty Honors Advisor in your department, if you need additional assistance.
- Once you have a confirmed thesis director, register for the appropriate thesis course(s) (XXX492 and/or XXX493) through your director's department.
- Select the second reader in collaboration with your thesis director.
- Write your prospectus, have it reviewed and signed by your director and second reader.
- Submit your prospectus to the Barrett Advising office by the appropriate deadline.
- Meet regularly with your thesis director and second reader on the progress of your thesis/creative project.
- Schedule your thesis defense.
- Complete and file (if appropriate) the thesis reimbursement application.
- Finalize your manuscript with the guidance of your committee, and prepare for your defense.
- Plan to give your committee members a hard copy of your manuscript at least two weeks prior to the defense.
- Present at your oral defense and have your Signature page correctly formatted and signed by your committee.
- Submit your final unbound manuscript to the Barrett Advising office with correctly formatted Signature page containing original signatures (not photocopied) of all committee members, as well as an electronic copy of your thesis. See Final Copy Submission/Formatting section for campus specific emails.
- Confirm that your thesis/creative project director submitted a grade for the completed project and changed the Z grade if one was submitted in a prior semester (for 492).
- • Remember to submit the Barrett Graduation form online through MyASU during your final semester. This form is used to RSVP for Barrett Convocation and to declare your intent to complete all Barrett graduation requirements.