

## Planning for the Year Ahead (2019)

Professor Vince Cronin (9-month tenured contract)

(Each section may be as long as necessary; see “The Planning Document for Use in the Baylor University Annual Faculty Performance Review Process: Sample Statements for Planning Documents” for tips.)

To be completed by the faculty member:

### Teaching Goals and Plans:

My goals, as always, are to facilitate student learning.

- (1) I will teach two sections of Geosciences 1405 (3 weekly contact hours in lecture sections) during the spring semester and one section during the fall semester.
- (2) I supervise all laboratory sections of Geosciences 1405 and all of the associated graduate teaching assistants during both the spring and fall semesters. This includes setting-up and taking-down the labs, organization and maintenance of lab samples and other resources, creating all of the lab quizzes and quiz keys, and running weekly hour-long TA meeting to review the coming-week’s lab.
- (3) I teach one section of Geosciences 3445 and the associated laboratory (5.75 weekly contact hours total) during fall semesters.
- (4) I continue to author, edit, and pay for private web resources that support my teaching function at Baylor (e.g., <http://croninprojects.org/Vince/Course/PhysGeol/index.htm>, <http://croninprojects.org/Vince/Course/IntroStructGeol/index.htm>, <http://croninprojects.org/Vince/Course/Fault-Geology/index.htm>, <http://croninprojects.org/Vince/PlateKinematics/KinematicsCourse/index.htm> ).

### Research/Creative Work Goals and Plans:

- (1) Most of my time in 2019 will be invested in authoring/editing the 12<sup>th</sup> edition of the AGI/NAGT Laboratory Manual in Physical Geology (Pearson), which is the most widely used textbook of its type in the market. The 11<sup>th</sup> edition, which I edited, is 426 pages long. The revision should be in print circa January 2020.
- (2) The Instructor Manual associated with the 12<sup>th</sup> edition, AGI/NAGT Laboratory Manual in Physical Geology will be developed in parallel with the revision. I am the author of the Instructor Manual.
- (3) I will complete the invited article on plate triple junctions for Elsevier’s Encyclopedia of Geology (by March 2019).
- (4) I will contribute as an author and organizing-committee member of the AGU-sponsored Geoscience & Society Summit in Stockholm, Sweden, in March 2019 (<https://connect.agu.org/gss/home>).
- (5) I will begin work on the editorial board of a SpringerBriefs Series on geoethics. This will also involve developing one or more papers on geoethics of which I will be author.
- (6) If the lab manual revision is completed early enough to do so, I will resume work on a primer on plate kinematics for Cambridge University Press, tentatively with Richard Gordon (Rice), Josh Davis (Carleton), and Phil Resor (Wesleyan). A working draft of that primer is used in my plate-kinematics course (<http://croninprojects.org/Vince/PlateKinematics/KinematicsPrimer/index.htm>).
- (7) I might create draft (or perhaps final) videos of laboratory experiments and other material to support users of the AGI/NAGT lab manual. It is likely that the final video products will be made available via a Pearson website.

- (8) I will continue work with undergraduate student Ryley Collins on joint research related to the variation in length of R-R transform faults.
- (9) Other research projects that might be advanced in 2019, given time and opportunity, might include work with a new graduate student to conduct resistivity surveys across suspected traces of faults near Truckee, California

### **Assigned Administrative Responsibilities Goals and Plans:**

#### **Service/Academic Citizenship Goals and Plans:**

- (1) I will continue to be the institutional representative to the UNAVCO and WInSAR consortia, and the secondary institutional rep to the IRIS consortium.
- (2) I will continue to serve on the IRIS Education and Public Outreach Committee through 2019.
- (3) I will continue to be the co-president of the US section of the International Association for Promoting Geoethics, and their liaison with AGU and GSA.
- (4) I will continue to serve as the contact person for US Array seismograph station WHTX near Lake Whitney, Texas, (<http://ds.iris.edu/mda/TA/WHTX>, <http://ds.iris.edu/ds/nodes/dmc/tools/stationmonitor/TA/WHTX/> ) and accompany the technician whenever repair, upgrade, or maintenance is needed.
- (5) I will supply geoscience photographs and associated metadata to the American Geosciences Institute for inclusion in AGI's Earth Science World image bank (<http://www.earthscienceworld.org/images/index.html>). I will also continue to take geological specimen photographs for use in teaching and publication, including photos made using focus-stacking technology that I have personally acquired.
- (6) I am likely to co-propose a geoethics session (or perhaps several) for the European Geosciences Union meeting in Vienna, spring 2020.
- (7) I might contribute to the "Earth Educators' Rendezvous" meeting in Nashville, TN, 15-19 July 2019, where I will also engage in development and adopter-support activities for the AGI/NAGT lab manual.
- (8) If recent years are any indication, I will serve as a panelist for the National Science Foundation on perhaps two or three proposal-review panels.
- (9) I will continue to serve as an assistant scoutmaster at Troop 308 in Waco.
- (10) I will continue to teach about the history and meaning of the Nicene Creed in the RCIA program at St. Jerome's Catholic Church.

To be completed by the chair:

#### **Chair's response to faculty member's goals and plans for the year ahead:**

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To be completed by the faculty member:

I acknowledge that I have seen the chair's evaluation of my performance, and I have discussed with her or him my goals and plans for the year ahead.

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Faculty Member's Signature

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Date

*January 7, 2019*