



EXPERIENCE LEARNING

Experience Teamwork



With Dr. Frank Martin, former NASA Director of Astrophysics and UT Alum
Wednesday Nov 2nd -Thursday Nov 3rd

For Faculty and Graduate Students: Effective Team Building in Science

Dr. Frank Martin will deliver a workshop on scientific team building and effective project management. He has 14 years of experience delivering over a hundred 4-D Systems team-development workshops to NASA and NOAA organizations.

Dr. Martin has decades of experience with NASA, including planning for Moon and Mars missions, and the early development of the International Space Station. During his time at NASA he collaborated with Charlie Pellerin, author of the influential book *How NASA Builds Teams: Mission Critical Soft Skills for Scientists, Engineers, and Project Teams*. He also served as Director in Civil Space for Lockheed Martin. For the past fifteen years he has served as President of Martin Consulting, providing review services for space flight projects. He also teaches performance enhancement to NASA teams and, in recent years, to NOAA/NESDIS teams—and has delivered over a hundred 4-D Systems team-development workshops over the past 14 years to NASA and NOAA organizations and flight projects.

Wednesday, Nov. 2 8:30-10:30 Blount Hall 004

Registration through the Office of Research <http://research.utk.edu/events/effective-team-building-in-science/> You are invited to join the Innovation in Teaching and Learning Symposium afterwards in Hodges Library. Register at tenntlc.utk.edu

Open to all Students, Faculty, and Staff

Innovation in Teaching and Learning Symposium Keynote Speaker: Dr. Frank Martin, “Experience Teamwork—How NASA Builds Teams” Dr. Martin will speak on team building and leadership skills for the real world. He is a dynamic speaker with stories and images from his life experiences to illustrate strategies and approaches to teamwork.

Wed 2nd 3:45 p.m. Hodges Library Auditorium

No registration required; Reception to follow

For Undergraduate Students

Student leaders can join a discussion with Dr. Martin on teamwork, teambuilding, and leadership development. Through his NASA and consulting experiences, he will lead a discussion with students about their experiences now, what the future holds, and how they can best prepare themselves!

Thursday Nov 3. 11:10 Frieson Black Cultural Center room 103. Students can register in Hire-A-Vol available in myUTK under My Services.

What is the Experience Learning Connection? Collaboration is part of the EL model!

Real-world problems are often complicated, multifaceted, and deeply interrelated with other societal problems. Such problems are not amenable to quick fixes by single agents acting alone. Real-world problems often require the collaboration of experts from multiple fields working in concert with the broad constituencies of increasingly diverse communities. We must become adept at working in a collaborative manner with a range of peers, relevant experts, and a diverse set of community members.

For our undergraduate and graduate students, we want to ensure teams **participate in collaborative interactions**. **Members** support a constructive team climate and support **group processes by** engaging team members in ways that facilitate their contributions, are **attentive to the ideas of others** and help the team move forward by articulating the merits of team members' ideas or proposals. Team members **offer relevant questions and comments** through effectively listen and respond to the diverse perspectives of others and each person meets **obligations for group assignments on a timely basis** with work that is thorough, comprehensive, and advances the project. The whole team achieves a level of excellence!

For further details on collaboration in experiential learning, visit <http://experiencelearning.utk.edu/direct-assessment/> (and see "SLO 3)

And for ideas, on teaching and working together, visit <http://tenntlc.utk.edu/collaborative-learning/>

