



September 2006

A Publication
for the Collegiate
Chapters

Bulletin

OF Tau Beta Pi

Dynamic Denver!

The Colorado Beta Chapter is pleased to host the 101st annual Tau Beta Pi National Convention on October 5-7, 2006. The members, led by Arrangements Chair **Stacey D. Bagg, CO B '07**, will enthusiastically welcome Tau Bates to Denver and Boulder, home of the University of Colorado at Boulder.

Breathtaking mountains and interesting activities make the Denver/Boulder area a popular international tourist destination. Those who arrive by air will be greeted by hosting members at Denver International Airport. Transportation will be provided to the Renaissance Hotel, where all conventioners will stay. Business meetings, Engineering Futures and ICE sessions, and four meals will be held at the hotel.

Representatives from graduate schools of engineering and companies such as Boeing, General Motors, Sandia Labs, Owens Corning, Schlumberger, Raytheon, CH2MHill, and Northrop Grumman and graduate engineering programs at universities such as Columbia, Lehigh, Purdue, Kansas, Michigan, and Oklahoma will be available at recruiting booths from 9 a.m. to 3 p.m. on Thursday, October 5. Be sure to bring copies of your résumé and the chapter's résumé book!

A new Executive Council will be installed to serve the Society during 2006-10—the Foundation Slate.

The model initiation for Colorado Beta will be held at the hotel, after which host students will lead tours through several engineering departments and other areas of interest on campus.

The expenses of one student delegate per chapter and the on-site expenses of chapter advisors will be paid by the Association. Non-voting delegates and alumni are welcome, encouraged, and invited to attend at their own expense.

Detailed information about the business of the Convention is on the following pages. Additional information is available on our website at www.tbp.org, and you may register online at www.tbp.org/tbpconv. You may contact Headquarters by email at convention@tbp.org. Our phone number is 865/546-4578 and our fax number is 865/546-4579.

This special national Convention promises to provide exciting memories, new friendships, and a fitting finale to Tau Beta Pi's 101st Convention. Our hosts look forward to extending their hospitality.

See you in Colorado!



The 101st Convention will be held in Denver/Boulder.

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ISSUE AVAILABLE AT WWW.TBP.ORG



Engineers Without Borders

Dr. Bernard Amadei, professor of civil engineering at the University of Colorado at Boulder, will be the featured speaker at this 101st Convention. He is the founder of Engineers without Borders.

© DENVER METRO CONVENTION & VISITORS BUREAU

FRONT: © BOULDER CONVENTION AND VISITORS BUREAU

Convention Business

The purpose of the annual meeting is to conduct Tau Beta Pi business. Delegates, who are often chapter presidents or officers, will begin their official duties on Thursday afternoon. They will oversee the Association's fiscal and governmental policies, choose the major chapter award winners, prepare for District conferences, learn more about the Tau Beta Pi election and initiation process, receive leadership training, install the 2006-10 Executive Council, and plan future Conventions. They are assisted in their duties by the Executive Council, chapter advisors, and national officers, who serve as committee advisors.

The delegates are the legislative, executive, and judicial body of this primarily student-run organization. Each delegate arrives ready to participate and has already been assigned to one of the Convention committees.

Each committee elects a student chair to conduct its internal affairs and represent the group on the Convention floor. Any Constitution or Bylaw changes brought forth from the committees are voted on by the Convention during the major business meetings.

This year seven standing committees will survey the Association, along with two *ad hoc* groups. The committees and their advisors are organized as follows.

Committees

Petitions

D.A. Kamat, advisor

This group will consider and recommend action on petitions for new chapters from San Francisco State University and the United States Military Academy.

Constitution and Bylaws

Dr. R.W. Mead, advisor

Two subjects have been assigned for direct consideration: 1) a proposal to modify Bylaw V to allow suspension of chapter officers, and 2) a proposal to modify Bylaw I to delay the Convention assessment due date. Additional proposals may arise for consideration during the Convention.

Chapter & Association Financial Affairs

S. D. Jennings-King, advisor

Committee members will:

- Review the chapter accounts receivable to the national Headquarters,
- Review the annual reports of the Association's auditor and Treasurer for 2005-06,
- Determine allowable delegate expenses for the 2007 Convention (and review unusual allowable delegate expenses for the 2006 Convention), and
- Review an old proposal regarding the reimbursement of on-site expenses of non-voting delegates.

Rituals

E.J. D'Avignon, advisor

Members of this group will:

- Prepare the Model Initiation on site.

Visit the Recruiting Fair!

If you arrive early on the first day of the 2006 Convention in Denver, visit the TBP recruiting fair. It runs from **9 a.m. to 3 p.m.** in the corridor outside the Concourse Ballroom (see info on back cover).

Convention Site

S.J. Houghton, advisor

Delegates from this committee will recommend acting on a joint invitation to host the 2008 Convention from California Lambda and Upsilon and invitations to host the 2009 Convention from Massachusetts Beta and from New Jersey Beta. In accord with the Constitution, the Convention site may not be selected more than three years in advance.

The 2005 Convention made no decision regarding the 2008 Convention. Michigan Iota is hosting the 2007 Convention in Dearborn.

Resolutions

S.L. Forkner, advisor

Team members will prepare resolutions—statements of appreciation and mementos—for presentation to the Convention at the Saturday morning business meeting and the Saturday evening Initiation and Awards Banquet.

Award

Dr. E.A. Stephan, advisor

The principal assignment of this committee is to select the recipients of the R.C. Matthews Outstanding Chapter Award and the R.H. Nagel Most Improved Chapter Award for 2005-06. The team will select a single winner in each category and as many honorable mentions as are deserved. Winners will be announced at the awards banquet on Saturday.

Chapter Advisor (*ad hoc*)

W.A. Hull, advisor

Committee members will review the Advisor Program, discuss ways to improve the Advisor corps and the chapters, and make recommendations for development of Advisors.

Curriculum Review (*ad hoc*)

R.L. Werneth, advisor

Team members will hear appeals from 25 chapters to permit non-ABET/EAC-approved curricula to be considered as eligible curricula.

Computer Screen Images Now Available

Give your PC or laptop a new look with a Tau Beta Pi screen image. They are:

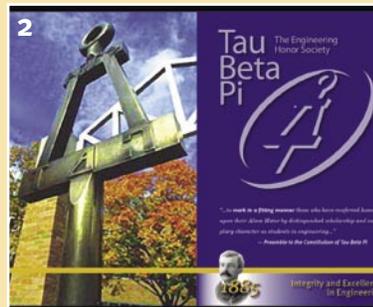
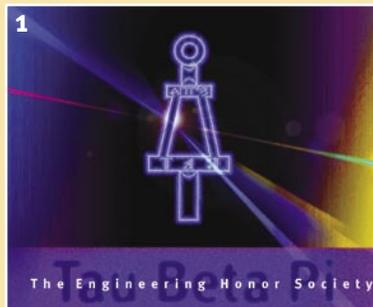
1 TBP SCREEN "RADIANCE"

A winning T-shirt design by student **Edwin A. Guerra, ID B '06**, inspired this vividly colored screen image of the Bent.

2 TBP SCREEN "1885"

Tau Beta Pi traditions abound in this screen image, including the Bent monument and a passage from the Constitution.

Artwork can be downloaded at www.tbp.org/pages/formembers.cfm



Convention Highlights

Engineering Futures

Dr. A.M. Brenner and Facilitators

Facilitators will introduce EF to delegates. Students will have the opportunity to explore ways to develop their own leadership skills to improve their chapters and to strengthen District ties while voting delegates conduct Convention business.

On Friday, non-voting delegates will be involved in Engineering Futures training sessions, designed to teach them practical solution-oriented leadership techniques such as motivation, planning, delegation, and team building. Voting delegates who complete their committee assignments should join the sessions in progress.

District Directors

Directors will be meeting with delegates daily to assist them with organizing their local chapter activities and planning District conferences and other annual events.

Convention Extras

The Convention itself is organized to assist the delegates in their roles as chapter leaders. The opening orientation is a lesson in parliamentary procedure. Parliamentarian James W. Johnson Jr. will act as a role model for delegates as they observe *Robert's Rules of Order* in action. Convention Chair Ronald M. Hickling will lead the major meetings throughout the eventful three days.

Officers may familiarize themselves with various attractive chapter and insignia items that will be available at the Headquarters display in the hotel lobby.

On Thursday evening Dr. Bernard Amadei will speak. Saturday evening is traditionally the highlight of the Convention when the other annual Association awards will be presented. In addition to recognizing the R.C. Matthews Outstanding Chapter and the R.H. Nagel Most Improved Chapter, the 2006 Laureate, Distinguished Alumnus, National Outstanding Advisor, and inaugural McDonald Mentor will be introduced.

The 101st national Convention could very well be the most enjoyable convention that you'll ever attend. Please join us!

2006 TBPI-McDonald Mentor Dr. Carter J. Kerk, P.E.

FOR HIS OUTSTANDING achievements in teaching and his advancement of professional engineering, **Dr. Carter J. Kerk, P.E.**, *South Dakota Alpha '81*, is the inaugural Tau Beta Pi-McDonald Mentor.

Dr. Kerk, associate professor of industrial engineering at South Dakota School of Mines and Technology, has proven to be an inexhaustible source of support for engineering students who seek professional and personal excellence.

Students and alumni praise him for offering academic support, helping them find jobs, assisting them with résumés, discussing study skills and techniques, writing letters of recommendations for employment and scholarships, encouraging their activities in professional societies, and giving advice on personal matters.

He received his bachelor's and master's at the University of Ne-



braska and obtained his Ph.D. at the University of Michigan. He won the Benard Ennenga award at SDSMT in 2002 and was named the most valuable professor in the industrial engineering department at Texas

A&M University in 1995.

He has been extensively involved with leadership positions with the Girl Scouts, Boy Scouts, Cub Scouts, and Knights of Columbus. He has received awards for his work in ergonomics, workers' safety, and academics, including an NSF award in research.

Dr. Kerk has earned a reputation

for not only his comprehensive technical expertise, but also for having what one student described simply as "the *biggest* heart." Considering that each semester, he advises 30 incoming freshmen, 60 non-first-year students, and numerous others, Tau Beta Pi's selection committee concurs with that conclusion.

2007 Fellowships

Tau Beta Pi's 74th annual program of graduate fellowships for study in the 2007-08 academic year will close February 1, 2007, when applications must be in the possession of Director of Fellowships **D. Stephen Pierre Jr., P.E.**

Up to 20 cash awards will be given, each worth \$10,000, made on the promise of future development in engineering or related fields, and financial need. Winners will be selected by the Fellowship Board and notified in April.

All members of Tau Beta Pi are eligible to apply. Students and alumni may download informational pdf files from www.tbp.org. Applications will be accepted beginning November 1, 2006.

Bylaw Requirement

Because of the ratification of amendments passed by the 2002 Convention, all Tau Beta Pi chapters are required to list all eligible curricula for both undergraduate and graduate membership in their chapter bylaws.

The Convention established April 1, 2004, as the compliance date, and a total of 181 chapter bylaws with approved curricula have been received. Fines will be levied on non-complying chapters as required.

If you need assistance, contact Roger Hawks at the national Headquarters in Knoxville, TN. He can be reached at roger@tbp.org or by phone at 800-TAU-BETA.

2006 Chapter Survey—

Recognized as the Premier Honor Society?

Is Tau Beta Pi universally recognized as the premier honor society?

To be so recognized is Tau Beta Pi's vision. Recognized where? For a start, on every engineering campus.

A record-setting 212 chapters completed this year's annual Chapter Survey. Two questions addressed on-campus awareness of TBPi:

How would you rate the awareness of Tau Beta Pi in your engineering school?

- High 15% (vs 10% last year)
- Medium 64% (vs 58% last year)
- Low 21% (vs 32% last year)

How would you rate the knowledge of Tau Beta Pi in your engineering school?

- High 8% (vs 16% last year)
- Medium 62% (vs 64% last year)
- Low 30% (vs 21% last year)

Note that most chapter presidents put awareness squarely in the "medium" category—not ideal if we are to achieve our vision and not where you want to be to attract the *best and brightest* to become members.

Among eligible candidates who decline Tau Beta Pi, "lack of interest" remains the reason most-often given by them.

Why are they not interested? Most likely, they simply aren't aware of Tau Beta Pi or don't know what we do.

So, does your chapter publicize its activities?

Does it tell all classmates the names of the latest group of initiates?

Two survey questions addressed the subject of chapter publicity:

Are new initiates given public recognition?

- Always 15% (vs 9% last year)
- Frequently 18% (vs 25% last year)
- Sometimes 44% (vs 54% last year)
- Never 23% (vs 12% last year)

Are projects and programs of your chapter given publicity?

- Always 9% (vs 8% last year)
- Frequently 30% (vs 26% last year)
- Sometimes 50% (vs 54% last year)
- Never 11% (vs 12% last year)

How can you introduce others on campus to Tau Beta Pi? Hang our posters or place brochures in prominent locations (see www.tbp.org/chapters/resources/materials/index.cfm). More than half of the chapters reported using these materials last year, and the reaction to them was overwhelmingly (>80%) positive.

Place an article in the school newspaper listing your new members. Mention the high standards that Tau Beta Pi stands for. It's much easier than you think to coax a local newspaper or tele-

vision station into giving your chapter coverage whenever you improve your community, advance our profession, or support your *alma mater*.

Why not invite those students who are academically eligible but are not yet members to an orientation meeting? Headquarters has sample letters and an invitation used by 44% of chapters. A PowerPoint presentation is available on the Chapter website. Only 45% (up from 30% last year) of chapters used this resource last year.

An important step in the invitation process is the follow-up. While 64% of scholastically eligible students were rejected and not elected, nearly all of them (90%) were rejected for lack of interest—three quarters were listed as not responding to the chapter's invitation! Follow up to see if the invitation was lost. Emails often bounce back or simply never arrive. Did you follow up to find out why they chose not to respond? Doing so could help you move from the medium to the high rankings and to strengthen your chapter.

Is Tau Beta Pi recognized on your campus? If it is, then good job! I encourage your chapter to keep up the good work. If not, why not? Maybe it's time to jump in and lend a hand.

—Roger E. Hawks
Assistant Secretary-Treasurer

TAXES: An Important Notice to All Chapters

A Tau Beta Pi chapter typically qualifies for tax exempt status under Internal Revenue Code 501(c)(7) which grants exempt status to "clubs organized for pleasure, recreation, and other non-profitable purposes." (For more about "clubs" please go to <http://www.irs.gov/charities/nonprofits/article/0,,id=96189,00.html>).

The primary source of income for a 501(c)(7) organization must be from its members—usually fees or dues. A 501(c)(7) organization may receive small amounts of outside income without losing its exempt status; however, this

type of income may be taxable as unrelated business income. The following guidelines (under current law) should be observed to measure the permissible extent of non-member income:

- A club may receive up to 35% of its gross receipts from non-member sources.
- In applying the 35% test, no more than 15% of total gross receipts may be derived from the use of the club's facilities or services by the general public.
- If a club has outside income that exceeds either the 35% or 15% limits, an organization's qualification for exemption under 501(c)(7) may be in jeopardy.

Satisfying the preceding requirements for non-member income does not automatically protect a chapter from loss of exemption. A chapter still may be disqualified if its members do not "commingle" sufficiently or if the club engages in excessive activities, even of a non-income producing nature, that do not serve its exempt purposes.

Any questions or concerns about the qualification of your chapter as a 501(c)(7) should be discussed with your chapter's tax advisor.

Constitutional Amendment Ratified

The 2005 Convention approved one amendment to the Constitution and Bylaws and sent it to the chapters for ratification. With 229 chapters eligible to vote, 172 or more affirmative chapter votes were required to ratify an amendment, and 58 or more negative votes would defeat the amendment.

Headquarters received 170 valid ballots (plus 10 invalid for lack of a chapter quorum). The Council acted on the proposed amendments on June 2 and voted on behalf of those chapters submitting an invalid or no ballot.

Amendment

1. Revise the responsibilities of the trustee. (Const. Art. XVII, Sec. 2 and 3)

Outcome

1. Unresolved by chapter vote; 162 affirmative, 8 negative. Ratified by Council vote for invalid and missing chapters.



The Bent that Soared

When 2006 Distinguished Alumnus **Major General William A. Anders**, *Ohio Eta '62*, flew his Apollo 8 mission around the Moon in 1968, one of the few trinkets he was permitted to carry with him in a leather pouch was an official Bent (shown encased in plastic above). At the 1969 national Convention in Houston, TX, he donated the historic item to Tau Beta Pi. It is now on permanent display at national Headquarters in Knoxville, TN.

2006 Distinguished Alumnus William A. Anders

FOR HIS OUTSTANDING lifetime achievements, **Major General William A. Anders**, *Ohio Eta '62*, is the Tau Beta Pi 2006 Distinguished Alumnus.

As a young officer-student at the Air Force Institute of Technology, he adopted a creed: "Leave a community where we serve a little bit better than we found it." Anders personally solicited funds from hundreds of other institute students to help to establish Wright State University.

After graduation from AFIT, he was selected to train as an astronaut. His capabilities and character shone through, and he was given the nod as the spacecraft systems engineer and pilot for Apollo 8. Their assignment was to orbit the Moon and return, thereby testing the Saturn V rocket—the largest rocket ever flown—and the new lunar orbiter.

While a later Apollo mission would deliver Neil Armstrong onto the lunar surface, the flight of Apollo 8 transformed Moon visitation from science fiction to science fact.

Anders is often remembered for two spontaneous actions he took during his Apollo mission. Even as the public sat spellbound by photos of the Moon itself, Anders turned the camera homeward and snapped an unplanned photograph now famously known as "Earthrise" (right). This startling look at Earth—common today, but a revelation to the public then—is still hailed as the most influential environmental photograph ever taken. Anders' other impromptu decision was to read a passage from the

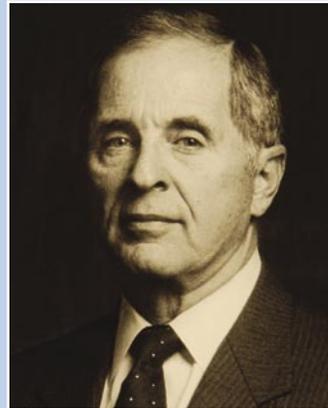
book of Genesis during a live transmission to Earth.

Anders' lifelong drive to explore "the other side of the mountain"

had found it's ultimate expression. His instinctive passion for bringing others along on his journey never diminished, even after leaving the Apollo program. He became one of the founding organizers of the Yosemite National Institute, which lets the disadvantaged and students experience the

secrets of biology, chemistry, and earth science through visits to national parks. He has supported the development of special learning materials to teach algebra to at-risk students.

Professionally, he became the ambassador to Norway, executive secretary of the National Aeronautics & Space Council, and chairman of the Nuclear Regulatory Commission. In industry, he held many key positions including vice president of General Electric, executive vice president for operations at Textron, and chairman and CEO of General Dynamics Corp. In 1993, he was named the National Security Industrial Association CEO of the year. He was honored as a distinguished alumnus of AFIT in 1990 and the U.S. Naval Academy in 2000, and he serves as a trustee of the USNA foundation. He was elected to the National Academy of Engineering in 1984 and was inducted into the National Aviation Hall of Fame in 2004.



Earthrise 1968

2006 Laureate

Devin T. Wiley

DEVIN T. WILEY, *Arizona Alpha '07*, of the University of Arizona, is the 2006 Tau Beta Pi Laureate in the arts for his achievements in his chemical engineering studies, at the piano keyboard, and in his community.

At an early age, something about Devin caught the attention of a local piano teacher. His interest grew, despite the limitations of living in an isolated rural community. His mother supported and encouraged the development of his musical talents. In time, he needed more instruction than his small community could provide. His parents made some sacrifices and relocated to a larger community where his talent could

meet with more advanced teachers, and soon his abilities increased dramatically.

Devin's talents went well beyond music alone. His aptitudes in science and mathematics were encouraged by his father. By high school, he was winning praise for his demonstration of superconductivity in his chemistry and physics courses. His school gave him special recognition for performing 1,000 hours of local volunteer work in four years.

During a year in France as a Rotary exchange student, Devin lent his musical and organizational talents to a fundraiser. The event raised roughly \$3,000 which helped establish a sustainable drinking-water program for 5,000 people in rural Madagascar. He later used his performance skills repeatedly to benefit local and national causes.

Devin chose chemical engineering as his college major, but

auditioned to qualify for a piano minor. The faculty instead placed him into the piano performance major track. He soon was competing against upperclass and doctoral piano students in the prestigious University of Arizona president's competition, in which he won the grand prize.

When he taught piano at an elementary school for two semesters, he found he could instill a love of music in his students and intrigue them with the physics and mathematics involved. In college, he applied this integrated pedagogical approach as a teaching assistant. According to one faculty member, Devin's effectiveness led some students

to skip classroom lectures in favor of his presentations.

While at the university, he helped found the local chapter of Engineers Without Borders. He reasoned that engineers could be most effective when teamed with students from business and anthropol-

ogy, and he recruited accordingly. His 20-person group built homes for families in Nogales, Mexico, using materials cast off by *maquiladoras*—assembly plants.

He has continued his involvement while maintaining a high grade point average in his rigorous engineering program.

His ultimate goal is to become certified as both a doctoral engineer and as a medical doctor who can build unique research and teaching programs to help solve critical problems regarding human health. And without doubt, his future will include a continuing piano accompaniment.



100 TBPI Scholarships!

The Tau Beta Pi Association Scholarship Program for senior-year study during the 2007-08 academic year will close March 1, 2007, when applications must be in the hands of Director of Fellowships D. Stephen Pierre Jr., P.E., Alabama Power Company, P.O. Box 2247, Mobile, AL 36652-2247.

Depending on our trust earnings, up to 130 cash awards, each worth \$2,000, could be given in our fantastic, expanding program. They will be made on the basis of high scholarship, strong recommendations, extracurricular activities, and financial need. Winners will be selected and notified in early April. Only junior members of Tau Beta Pi who will be full-time seniors in 2007-08 are eligible to apply after November 1 online at www.tbp.org.

Educational Loan Fund

Since 1935, Tau Beta Pi has assisted student members with their financial needs while in school or with payment of their initiation fees through our Student Loan Fund. We are pleased to offer this service for student members in amounts up to \$2,500 per member.

Repayment is required after three years, and a simple interest rate of 6% is charged from the day the loan is received.

Interested students can obtain promissory notes and loan applications from their chapter presidents, the website, or directly from Secretary-Treasurer Jim Froula at the national Headquarters in Knoxville, TN.

Student Assistance Fund

The Tau Beta Pi Student Assistance Fund was endowed in 1992 through the interest and generosity of C.C. Young, *Illinois Alpha '24*. Its purpose is to make funds available to student members of his and other chapters who would otherwise be without sufficient financial resources to remain in college. Repayment is not required, no interest is charged, and grantees are requested to help others in need should they become financially secure.

Interested students should write directly to Secretary-Treasurer Jim Froula at the national Headquarters in Knoxville, TN.

Pointers for Chapter Officers

Chapter officers are responsible for reporting their Chapter's activities with Headquarters. The notion of communicating with a mysterious and distant "Headquarters" might seem a little intimidating. Actually, HQ is a very approachable and friendly organization—and a great source for help.

Here are some important pointers for starting the year right.

✓ Stay Current

Check with all of your officers and make sure that their school addresses, phone numbers, and emails are up-to-date. Make sure the shipping address is correct also. Note any changes on the Officer Fall Address Report which is due on or before October 31. Submit the report after you have made any necessary changes.

✓ Deadlines Do Matter

Meeting deadlines affects your Headquarters grade for a Secretary's Commendation. TIP: Don't wait until you're cramming for finals to file your reports. Many chapters send in their reports two weeks early, just to avoid the deadline crunch.

✓ Keep Good Books

Accurate financial reporting is important, not just for financial reasons. Because of certain tax laws, your Chapter could lose its tax-exempt status if you fail to report certain information and/or fail to pay taxes due to the IRS. Contact HQ if you have questions.

✓ Request Extensions Early

Filing deadlines for reports can be extended, but only if you ask before the deadline date arrives. TIP: Headquarters is strict on this point.

✓ Need Help? Just Ask HQ!

You may call Tau Beta Pi Headquarters at 1/800/TAUBETA for an explanation of procedures, answers to your questions, or anything else you would like to know. Good communications with HQ is a key to having a successful Chapter. HQ looks forward to hearing from you.

✓ Remember to visit www.tbp.org

You must file all required reports online. Log on for more information.

—Rebecca M. Davis
Collegiate Chapter Assistant

2006 National Outstanding Advisor

Dr. Robert E. Barnes

DR. ROBERT E. BARNES, *New York Nu '84*, is the Tau Beta Pi 2006 National Outstanding Advisor. He is currently the associate dean for student affairs at the State University of New York at Buffalo and Chief Advisor of New York Nu.

According to colleagues and students, Dr. Barnes consciously avoids the spotlight. His enthusiasm is legendary. When his advice is sought, he responds in a positive and enthusiastic manner without ever dominating the discussion. His low-key approach encourages students to step forward and accept leadership roles.

His reputation for reliability, integrity, and personal charm have made him welcome throughout the university community. He builds positive relationships with faculty members and works closely with university alumni to establish scholarships. He acknowledges students' hard work and plays a part in every graduation ceremony.

His level of commitment is demonstrated by his continuing support of the local Tau Beta Pi annual honors recruitment dinner. Throughout the planning process, he encourages students to manage the venue and make the final decisions. Other faculty members credit Dr. Barnes for the event's excellent reputation among participating employers.

Dr. Barnes earned his bachelor's degree in industrial technology from State University College at Buffalo.

He entered SUNY at Buffalo and completed his master's degree in 1976. After working in industry, he returned to complete his doctorate in 1984. He joined the dean's staff in 1983 and became the school's associate dean in 1994. He now also holds positions as co-executive director of U.B.'s strategic partnership for industrial resurgence program and executive director of EngiNet, an engineering distance-learning program.



He was inducted into Tau Beta Pi as an eminent engineer in 1987 and, shortly thereafter, became a Tau Beta Pi Advisor. In 1994, he became Chief Advisor for New York Nu. In that same year, the Chapter hosted Tau Beta Pi's National Convention.

Under his guidance, the Chapter has undertaken several new and innovative programs. Tau Bates regularly staff a room in the engineering library so that they can help undergraduates who visit and have questions. The group participates in social events where faculty and students can interact freely. Each year, Tau Bates recognize their favorite professor and teaching assistant at the spring induction banquet. The activities of New York Nu under his watch led to honorable mentions for Most Improved Chapter in 2001-02 and for Outstanding Chapter in 2004-05.

Dr. Barnes is a member of the ASEE and IIE.

Undergraduate membership reporting is all-electronic, and **all chapters must use the online system**. The fully automated system helps chapters receive timely responses through email. For information on how to use the system, see: www.tbp.org/chapters, or call Headquarters. All other chapter reports not requiring signatures should also be submitted online.



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Important Deadlines

- **February 1**
Fellowship Application
- **March 1**
Scholarship Application
- **April 1**
Laureate Nomination
Distinguished Alumnus
Nomination
Outstanding Advisor
Nomination
McDonald Mentor Nomination
- **June 1**
GIG Project Proposal
Convention Bid for 2010

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Arrive Early for Recruiting Fair

Attending the 2006 Convention in Denver? Try to arrive early on the first day so you can spend more time at the recruiting fair. It's Thursday, October 5, from 9 a.m. to 3 p.m.—*just before* the Convention begins.

A record number of companies, organizations, and schools (see partial list below) will be travelling from all over the country to recruit YOU! Several graduate engineering

programs and partner organizations such as NCEES, Kaplan AEC Education, and the Princeton Review will also be on hand.

Bring a copy of your résumé and your chapter's résumé book/CD for each company.

If you cannot attend the Convention, your chapter's delegates will be able to deliver your résumé to your choice of companies.

A RECORD NUMBER OF RECRUITERS WILL BE THERE!

Including **Avago Technologies** • **Boeing** • **CH2M Hill** • **Eaton Corporation**
General Motors • **L-3 Communications** • **Northrop Grumman**
Owens Corning • **Raytheon** • **Rockwell Collins** • **Sandia National Laboratories**
Schlumberger • **U.S. Patent & Trademark Office**