



VILLANOVA
ALUMNI ASSOCIATION
Engineering Alumni Society

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Board of Directors

Meeting #65

November 17, 2004

Attendees:

Butch Acchione	Al Fazzini	John Karpowicz	Tom Gresko	Lynda Capuzzi
Pat Dougherty	Maggie Flynn	Bill O'Donnell	Sean O'Donnell	Jim Zaleski
Ed Dougherty	John Happ	Steve Lester	Matt Marquardt	Jim D'Arcy

Guests:

Gary Olsen, Exec. Director, Alumni Assoc.
Christine Denuel-Acchione, Alumni Assoc.

Welcome:

The Meeting began at 5:55 PM. President John Karpowicz distributed the attached Agenda.

Minutes:

The minutes from the September 7, 2004 meeting were distributed and reviewed. Pat Dougherty noted the name for the new Associate Dean is **Dr. H. Keith Moo-Young**.

Pat Dougherty also noted a correction to the April 7, 2004 meeting minutes, noting that Butch Acchione was in attendance.

The minutes were approved by the Board with these corrections.

Treasurer's Report:

Bill O'Donnell distributed the attached Treasurer's Report.

Bill noted that we have a net balance of approximately \$13,000.00.

The report was discussed in detail and accepted by the Board.

Matt Marquardt noted a concern regarding future income flow. Since many members are opting for multi-year dues payments, income in the next few years may decrease from present levels. Bill noted that we are generating approximately \$10,000.00 per year, and we need to increase this income with new members.

Dean's Remarks:

Dean Johnson was not in attendance and there was no report:

Alumni Association Report:

A - The Association is currently working in a Directory update with the help of Harris Consultants. Gary asked the Board to please cooperate with Harris when they contact us. Alumni is looking to obtain more e-mail addresses. They currently expect to obtain 45,000 e-mail addresses out of a total of 85,000 contacts. E-mail contacts will make communication with alumni more efficient and the Association can better help EAS as the number of e-mail addresses increases.

B - Gary distributed copies of the new Alumni Guide which acts as a yearlong directory of Villanova sponsored events. The Guide was recently mailed to alumni and is distributed at all Association events.

C - Gary noted the B-Ball season has started and the Association sponsors many activities during this time of the year. Many flyers, mailings and e-mail contacts with alumni occur during the B-Ball season.

D - The Villanova Law School is hosting a major event on January 10th to honor Dr. Martin Luther King.

E - The University's new Capital Program Campaign begins in December. Villanova is hoping to raise \$300 Million over the next several years to fund endowments, faculty positions and major projects.

F - The Association is currently recruiting replacements for two (2) staff positions. John Karpowicz noted the loss of Carita Geib, who was very helpful to EAS during the recent mailings for our membership drive.

G - John Happ asked about the Olympics Event. Gary Olsen noted that this was a very successful event for Villanova. The University honored our Olympians with a special day of activities that had a total of 51 participants. George Raveling was the keynote speaker at the banquet. Gary noted that Villanova has had representation in every Summer Olympics since 1948.

H - Christine Acchione requested EAS input for the upcoming Newsletter being prepared by the Association. She noted that the new Awards Banquet format should be presented. John Karpowicz noted that we should have a notice about our membership drive in the Newsletter. Matt Marquardt will contact Christine with text for the notice.

Department Liaison Reports:

Chemical Engineering: John Karpowicz reported that Jenny Papatolis advised him that there were no updates to her previous report.

Civil & Environmental Engineering: Sara Carlson provided the attached report through the EAS Secretary. The report noted faculty news; data on the new interdisciplinary freshman course; a major donation by Michael Baker Inc. and groundbreaking on the new Structures Lab.

Electrical Engineering: Jim D'Arcy participated in this meeting through a conference phone connection and verbally presented his report, and provided the attached report through the EAS Secretary. Jim noted that the 18th Annual E&CE day was held on November 4th, with over 150 attendees; a memorial mass for Dr. Rao was held on September 17th; the E&CE Industrial Advisory Board (IAB) reviewed Student Poster Presentations by 20 students and the next IAB meeting will be held in December. Jim D'Arcy also noted that Dr. McAssey was appointed Interim Chairman of the Department.

Mechanical Engineering: John Karpowicz presented the attached report by Amy Fleischer. The report provided detailed updates on new Faculty; current enrollment (268); curriculum changes; the SAE racecar; the Mini-Baja team; current research grants, the new NovaTherm lab and new office space.

Student Council: Maggie Flynn presented an update on the Engineering Student Council activities:

1. Maggie distributed EAS grant applications to the Student Clubs;
2. The Council is planning a Winter social for December 14th;
3. They are planning a scavenger hunt for Engineers Week;
4. They are planning an Engineering-Nursing Mixer in the Spring;
5. Villanova joined the National Association of Student Councils. They are sending representatives to the National Conference in March;
6. Lynda Capuzzi was appointed as their Faculty Advisor;
7. The Council recently added a Freshman representative;
8. The Council suggested several improvements to facilities at CEER.

Pat Dougherty and Lynda Capuzzi suggested student involvement with the DelVal Engineers Week activities that will be held at Villanova in February 2005

OLD Business:

President Karpowicz reviewed the items in the **ACTION LIST** from the September 7th Meeting:

Items #1 through #5 were completed;

Item #6 will be initiated closer to the Event;

Items # 7 through #12 were completed;

Item # 13 will be initiated soon;

Item # 14 John Karpowicz will send letters to Award and Scholarship winners;

Item # 15 will be initiated once the new staff member is hired at Alumni, Carita is no longer the contact for the membership mailings.

Item # 16 will be reviewed by John Karpowicz and the Membership Committee;

Item # 17 was started, and a report will be provided at the next EAS Meeting;
Item # 18 – Sean O’Donnell and Helen Tursi will provide a recommendation;
Item # 19 – Lynda Capuzzi is following-up after discussions at this meeting;
Item # 20 – The Board decided to eliminate the Mass;
Items # 21 & 22 will be scheduled for May 2005 when students are ready to depart Campus;
Item # 23 – Steve Lester will follow-up;
Item # 24 – The Committee provided recommendations to the Board and Dean Johnson. Follow-up will continue;
Item # 25 – In progress;
Item # 26 was completed.

EAS Webpage:

Sean O’Donnell noted that the Webpage has been updated. John Karpowicz will coordinate data with Sean.

Membership:

A - John Karpowicz noted that he would send Thank-You notes to all current members that renewed their membership and paid their dues.

B - Matt Marquardt reported on the Membership Drive. He mentioned that the November “NOVA NOTES” included a reminder for our members to rejoin. Sean O’Donnell noted that we have 345 member names on our contact list, and 267 members have rejoined. Sean will contact the remaining 78 members one last time.

C - Sean O’Donnell suggested a “Get a Friend to Join” campaign with all current members soliciting friends to join. He also suggested that each Board Member get 1 new member by December 1st. Sean will post a “Get a Friend to join notice on the Webpage.

D - Butch Acchione suggested having our Board members send e-mails to their Classmates to solicit new memberships. Christine Acchione would supply Alumni Association class lists to Board members for this effort.

E - Gary Olsen suggested providing a sign-up table at the Awards Banquet. We can have our student scholarship winners attend the sign-up table and get them to talk about how our scholarships helped them at Villanova.

New Business:

Chapter of Excellence:

Lynda Capuzzi asked for more guidance on the proposal for a Mass before the Alumni Awards Banquet. After some discussion among Board members, it was decided to drop this activity due to time schedules and expected low attendance.

Lynda then asked for suggestions for a substitute program. She noted that the Board could be involved in sponsoring a Community Service Program. It was agreed that Lynda would contact Campus Ministries to review programs that are available for EAS sponsorship. Lynda will provide a review at our next meeting.

Once a project is approved by the Board, Sean O'Donnell will send e-mails to our members for their participation and/or financial support.

Gary Olsen noted that the service program should be ready for the next Leadership Institute meeting scheduled for April 2005. Our deadline is April 1st. Gary noted that EAS should focus on activities we can support rather than have a concern about which "6 S's" Tier we fit into.

Student Projects:

Sean O'Donnell noted that we have received 8 proposals for Student Project Grants. Sean will e-mail copies of the proposals to the Board for reviews.

The Board agreed to appoint a Committee to review the proposals and make recommendations for our Grants. Jim Zaleski, Butch Acchione, John Karpowicz and Sean O'Donnell were selected as the Student Projects Review Committee.

Bill O'Donnell suggested that the Committee have a budget goal. It was agreed to provide \$6000.00 for the project Grants, and reduce Scholarships to \$5000.00.

Pat Dougherty noted that funding for the Honduras and Nicaragua Service Trips was not included in the 8 proposals. Lynda Capuzzi will contact the students involved, and require them to submit a proposal to Sean O'Donnell by November 29th.

Bill O'Donnell noted that we have to find a way to get our members more involved with the Student Projects so we can increase our Grants. He suggested that we target specific groups of members for sponsorships of the projects. It was agreed that the Student Projects Review Committee would assign specific decades of our EAS members to each project.

Awards Banquet:

Pat Dougherty noted that the Banquet Committee met on September 23rd to review ideas for a new format for the Banquet. The goal of the new format is to emphasize the socializing that occurs at this Event. Pat distributed the attached report and room layout outlining the Committee's suggestions, noting that Dean Johnson favored a change in the format and that he would contact the catering staff to develop costs after this meeting.

Two alternatives were presented for the Awards Ceremony preceding the Banquet:

Alt 1 would have the Ceremony with the Award Recipients and their families at CEER, with a tour of the labs and placement of the new plaques on the walls.

Alt 2 would have the Ceremony in the Cinema at Connelly, similar to our current program.

For both Alternatives, the Awards Ceremony would be followed by a Dean's Reception with cocktails and heavy hors d' oeuvres beginning at 5:00 PM. Bars would be situated near the Student Club displays in the center of the room, and cocktail tables and dining tables would be set around the room. At 6:30 PM, the bars and food service would be closed, and Dean Johnson would present the Award Recipients at a podium. During the presentations, attendees would be seated in chairs arranged around the podium, and overhead displays of the Award Recipients would be shown. After these presentations, the bars and dessert tables would remain open till 9:00 PM.

Board discussions were as follows:

Sean O'Donnell commented on the timeline proposed, noting that 4 hours was too long and suggesting that the Event be shortened to 2 or 3 hours total. John Karpowicz noted that the new format would fit the Awards recognition into 45 minutes, leaving 3 hours for socializing. Lynda Capuzzi noted that the Board should agree on the format and have the Committee develop the timing.

Bill O'Donnell suggested displaying the new plaques around the room.

Butch Acchione suggested elimination of the presentations by the Student Clubs. Jim Zaleski agreed that they would not be needed since the attendees would be interacting with the students at their displays.

Jim Zaleski noted that we need to recognize the Award Recipients at the Reception. He suggested having the recognitions at the beginning of the program, followed by 3 hours of socializing.

Gary Olsen noted that the Alumni Association uses this format for many of their Events, with cocktails and socializing before the presentations. He noted that closing the Bars would be the best way to get attendees to move into the presentation area.

Christine Acchione stated that we need to advise our members of the change in the format. She noted that the Alumni Association can help to detail the new format in their Alumni Weekend mailings, and we should advertise it in our EAS Webpage.

Christine Acchione stated that the Alumni Association would consider allowing attendees to move between the Reception and other Alumni Weekend Events with no additional fees. She will work on managing this with Gary Olsen.

Christine Acchione asked about the College sponsorship of Faculty attendees. It was agreed to ask Dean Johnson to continue to sponsor Faculty members at the Reception, as he has in past years.

Sean O'Donnell suggested having a raffle at the end of the Event to hold people there after the Award Recipients are presented. Gary Olsen noted that the savings resulting from the reduced dinner costs could fund the raffle prizes.

Pat Dougherty asked about eliminating the dining tables and having only cocktail tables. The Board requested having several dining tables for Top Cats and others who would usually prefer seated dining. Christine Acchione noted that the Connelly Center would need to rent the cocktail tables.

John Happ noted that we need earlier coordination with the Student Clubs to have their displays at the Reception.

Gary Olsen stated that he would plan to have Fr. Dobbins attend and that the new format would allow Fr. Dobbins to stay longer to circulate and socialize with our Alumni.

Pat Dougherty asked for direction on the Alternates for the Awards Ceremony. It was agreed to have the Awards Ceremony and photos remain at the Connelly Center.

Jim Zaleski noted that our advertisements should eliminate the designation of a "cocktail hour" before the Event, which makes people think that the Event starts at 6:00 PM, and results in stragglers flowing in later than when we want them there.

The Board agreed to the new format for a Dean's Reception instead of a Banquet. Alternate 2 was selected as preferable, keeping the Awards Ceremony and photo shoots close to the Reception to avoid delays in getting people from CEER to the Connelly Center. The Board directed the Committee to develop the cost estimates and refine the timing for the activities.

This item will be discussed in more detail at our next Board Meeting.

Next Meeting:

The schedule for the rest of our Board meetings was set as follows:

Tuesday January 11th, 2005 at the CEER, Room 210.

Wednesday April 6th, 2005 at the CEER, Room 210.

The Annual Awards Ceremony & Dean's Reception is set for the Friday of Alumni Weekend, June 10th, 2005 at the Connelly Center starting at 5:00 PM.

TREASURER'S REPORT

**VILLANOVA ENGINEERING ALUMNI SOCIETY
NOVEMBER 17, 2004**

Starting Balance (September 7, 2004) \$10,358.38

INCOME:

Vanguard Dividends (07/30 – 9/30)	\$4.02
Dues & Student Program	<u>1,677.68 **</u>

Total Income: \$1,681.70

New Balance: \$12,040.08

EXPENSES:

Bank fee	\$10.24
Landis Restaurant (dinner 9/7 mtng.)	187.98
Gift & Plaque for Steve Lester	<u>154.02</u>

Total Expenses \$352.24

***ACCOUNT BALANCE:* \$11,687.84**

*****\$2,066.00 in dues waiting to be deposited.***

EAS Department Liaison Report

Civil & Environmental Engineering

Sara Carlson

11/7/2004

Faculty/Students

- Dr. Duran has initiated a departmental seminar series. Each month, an expert from a different area of civil engineering comes in to speak about work and/or research
- Drs. Gross and Welker have submitted dossiers for tenure and promotion
- Dr. Wadzuk will be joining the faculty in the spring

Curriculum

- Dr. Yost is teaching the civil portion of a new interdisciplinary freshman course. The classwork consists of building a car to transverse a road course, as well as designing, constructing, and load testing a bridge to cross a valley within that road course.

Misc

- Michael Baker, Inc. presented the CEE Department with a check for \$10,000 on November 10. In addition, the company made a 5 year, \$50,000 commitment.

Space

- The ground breaking ceremony was held for the new structures lab on October 28. Speakers included Father Dobbin, Dean Johnson, and Dr. Chadderton. The ceremony was covered by ABC, channel 6. Construction of the lab is proceeding. The base slab was poured on October 29 and the foundation walls are scheduled to be finished this week.

Electrical Engineering Report 11/17/2004
by: James D'Arcy

1. A Memorial Mass for Dr. Rao was held at the Chapel at 2:30 PM on September 17th
2. The 18th Annual E&CE (Electrical & Computer Engineering) Day was held on November 4th at the CEER Building.
The theme was TRANSPORTATION TECHNOLOGY -Hardware and Software. A copy of the brochure is available for more details. The E&CE Day was a big success. The presentations, including the after-dinner speaker, were very interesting, and there were at least 150 people in attendance.
3. After the conference ended, members of the ECE Industrial Advisory Board (IAB) reviewed the Poster Presentations of 20 Senior Projects; twelve IAB members took part in the review.
4. The most recent ECE-IAB meeting was held on September 30, 2004; the next meeting will be held in December.

If there are any questions, please call me at (215) 497-1784.

EAS Department Liaison Report

Mechanical Engineering

11/12/2004

Faculty/Students

1. Birle Chair Position: No new information. The Chairman will meet with Dr. Ortega at the upcoming ASME Annual meeting in Anaheim, CA to get a sense of where he is headed with regard to the Birle Chair.
2. Faculty Positions: The Department is advertising for a thermal/fluids and dynamics/controls positions this year. Currently, we have received 45 applications for the thermal-fluids slot and 42 applications for the controls slot. Interviewing will commence in January. We should know of acceptances by mid-April.
3. Freshman enrollment is now at 274 students with 105+ interested in ME as their major. Current enrollment statistics: Soph's: 96, Jr.'s: 76, Sr.'s: 96 (total of 268).
4. Curriculum: The Curriculum Committee is now benchmarking the ME program by comparing itself with 14 other top-notch engineering colleges. Some changes to the curriculum will likely come about from this exercise. Besides the normal ABET-related activities, also on the agenda for this committee this year are: 1) Laying the groundwork for a dual ME/electromechanical systems major. This will include looking at other institutions that have established this major and the placement of three new members on our advisory committee who can help in directing these efforts. 2) Formulating a plan to work automatic controls into curriculum. 3) Re-establish the Energy Conversion course and order new hardware for the lab part of the course. We will consider joint ECE/ME/ChE efforts on this task to make this senior elective course interdisciplinary.
5. Work continues on the SAE Formula Racer (Becky Hoffman and Jerry Gambs, co-advisors). 14 current ME seniors are working on the various aspects of the design and construction as part of their senior capstone design project.
6. The SAE minibaja racer is undergoing minor improvement prior to testing it for competition in early June, 2005.

Research

1. The ONR project continues with Drs. Nataraj, Ashrafuion, Santhanam, Fleischer, Jones, and Fahimi receiving support for their six graduate students. The effort will lay groundwork for the department's efforts in the

- area of smart ships. We expect a renewal for next year at, or slightly below, this year's funding level.
2. Becky Hoffman is continuing her collaboration with Drs. Dinehardt, Gross, and Yost on the structural performance of castellated steel beams.
 3. Amy Fleischer and one of her graduate students, Jared Harvest, traveled to Purdue University last week to present preliminary results of their research on the thermal management of components in close proximity on printed circuit boards to the NSF sponsored Cooling Technologies Research Center semi-annual meeting. Dr. Fleischer is the only non-Purdue faculty member invited to participate in and funded by the Center.
 4. Drs. Jones, Fleischer and Ashrafuion are traveling to the AMSE International Mechanical Engineering Congress and Exposition this week where they will be presenting research papers, chairing technical sessions and participating in ASME committee meetings where they help to set the direction of the ASME in their technical specialities.

Space

1. Plans are underway to convert two existing ECE labs in CEER to a joint ME/ECE Dynamics/Controls lab. Both departments will run undergraduate instructional labs in this facility, as well as conduct research on this principal research thrust area in the College.

**Villanova University
Engineering Alumni Society
Annual Awards Banquet**

Proposed Program Revisions

Based on comments received at the last Engineering Alumni Awards Banquet, the Board of Directors requested that the Banquet Committee develop a new format for this Event.

The Banquet Committee has had several phone/email discussions and has recently met to discuss improvements to the Event that would help to boost attendance.

The current recommendations for changes to the program for this Event are as follows:

1. Provide an Awards Ceremony in the late afternoon at CEER with an unveiling of the Award Plaques with the new inscriptions, plus a Tour for the recipients and their family. Request Faculty, Awards Committee and EAS Board to attend. **(3-5 PM)**

OR

Provide the Awards Ceremony and photos in a formal setting with the Dean in the Cinema prior to Dinner. Invite family and friends and all Alumni to attend this formal ceremony. Request attendance by Faculty, Awards Committee and EAS Board. **(4-5 PM)**

2. Follow the formal presentations of the Awards with a **Dean's Reception** consisting of cocktails and heavy hors d'oeuvres in the Villanova Room. The Villanova Room setup would include an auditorium seating area; Food Service Bars (Pasta/Beef/Pork/Salads etc.) where attendees can obtain food at their leisure; Drink bars embedded in the Student Club display areas in the middle of the room; tall cocktail tables for group gatherings; and several dining tables reserved for the Award recipients, their family and requested faculty members. Attendees would be invited to Socialize, Wine & Dine at their leisure as a replacement for the current Buffet Dinner. The Student Club activities, award recipient's bios and other data would be running on the overhead projection screens during the dinner period. **(5-6:30 PM)**
3. Following the Social/Dining period, the food and drink bars would be closed and the attendees would be called to order and seated in the auditorium setup area with the MC at the podium. Award recipients would be honored by the Dean with a brief recitation of their achievements. Major award recipients would be invited to the podium for a 5-minute talk. The award recipients would be shown on the overhead projection screens beside the podium while the Dean or MC highlights their achievements. **(6:30-7:15 PM)**
4. Following the recognition of the award recipients, the attendees would return to the dining areas and food service would be changed to dessert and coffee. The drink bars would re-open for socializing. **(7:30-9 PM)**