

Creating Seamless Mobility: A Perspective on How Partnership Programs Can Shape the Future of Transfer

**AACRAO Transfer Conference
February 1, 2011**

Eric Merten – Iowa State University Office of Admissions
Mary Darrow – Iowa State University College of Engineering

Overview

- Transfer students
- Iowa State University/Iowa Community Colleges
- Admissions Partnership Program (APP)
- Engineering Admissions Partnership Program (E-APP)
- Program assessment

Transfer Students



TAKE THE NEXT STEP.

Admissions Partnership Program

IOWA STATE UNIVERSITY

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Transfer Students

- Nearly 60% of all students are transfers, and nearly 75% of all who graduate each year have some transfer credit. (Adelman, 2006, 2008)
- Approximately 5 million new entering community college students **plan to transfer to earn a bachelor's degree** each year. (Provasnik & Planty, 2008)
- Almost 20% of new entering four-year college students are transfer students. (Berkner & Choy, 2008)

Academic and Social Concerns

- **Acceptance of credits**
- Meeting major prerequisites of a four-year college or university degree program
- Academic support
- Financial and work concerns
- Class size
- Campus familiarity
- Social acceptance
- **Individual attention**

Transfer Shock

The term often associated with a temporary decline in GPA performance after transferring from a community college to a four year college or university.

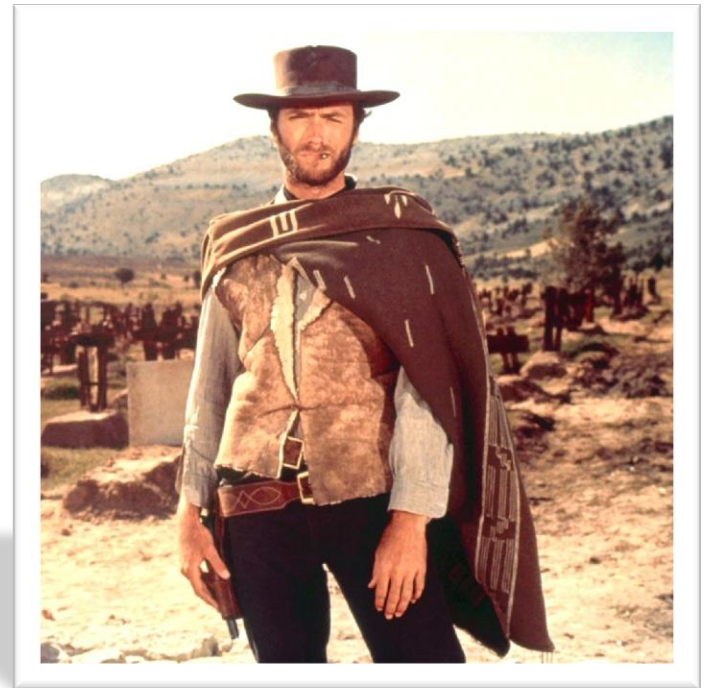
Source: Hills, J. R. Transfer shock: The academic performance of the junior college transfer. *Journal of Experimental Education*, 1965.

Community College Alumni

Tom Hanks



Clint Eastwood

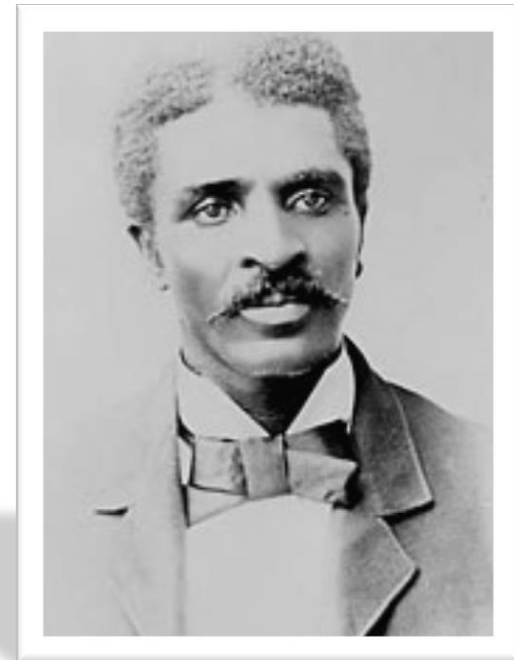


Community College Alumni

Mark Hamill



George Washington Carver



Iowa State University Iowa Community Colleges

One path. Unlimited possibilities.



Iowa Community Colleges

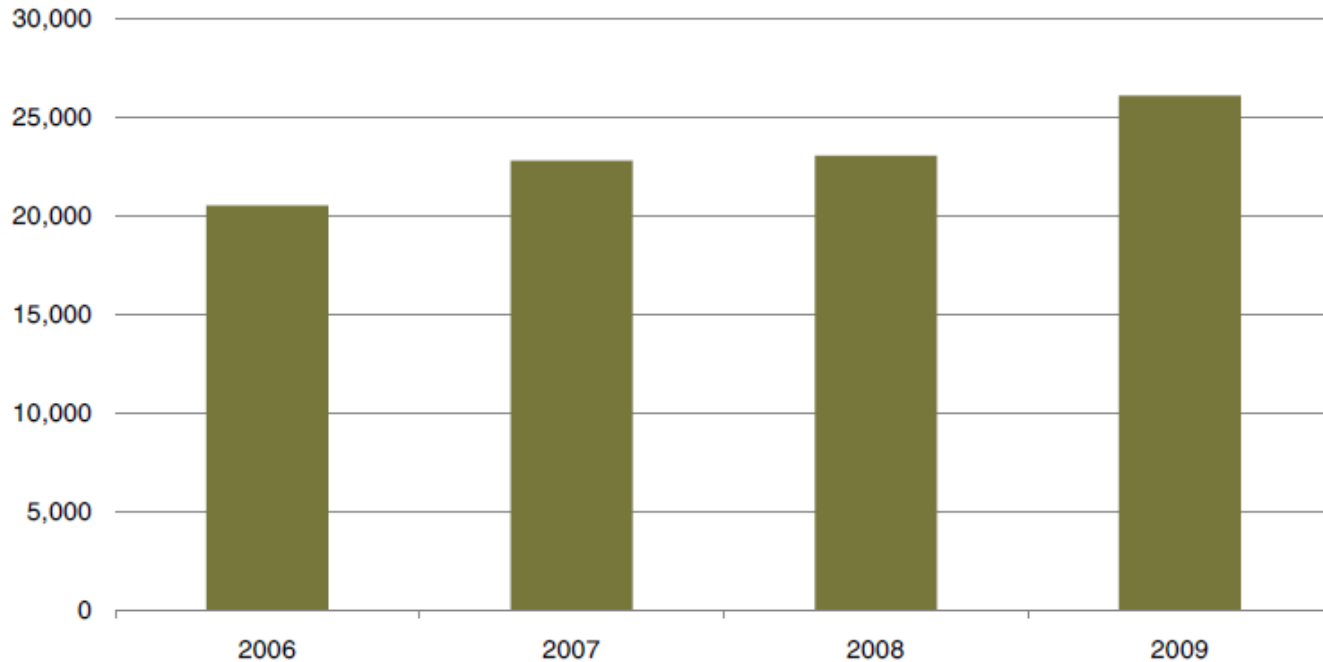


Enrollment Comparison 2000-2010

Iowa Regents & Community Colleges

	Iowa CC's	Regents
Fall 2010	106,597	72,708
Fall 2009	100,736	71,353
Fall 2008	88,104	70,325
Fall 2007	87,072	69,178
Fall 2006	84,961	67,701
Fall 2005	82,499	67,896
Fall 2004	81,803	68,949
Fall 2003	78,292	70,566
Fall 2002	73,805	71,521
Fall 2001	68,581	70,661
Fall 2000	65,836	68,930

High School Enrollment Trends

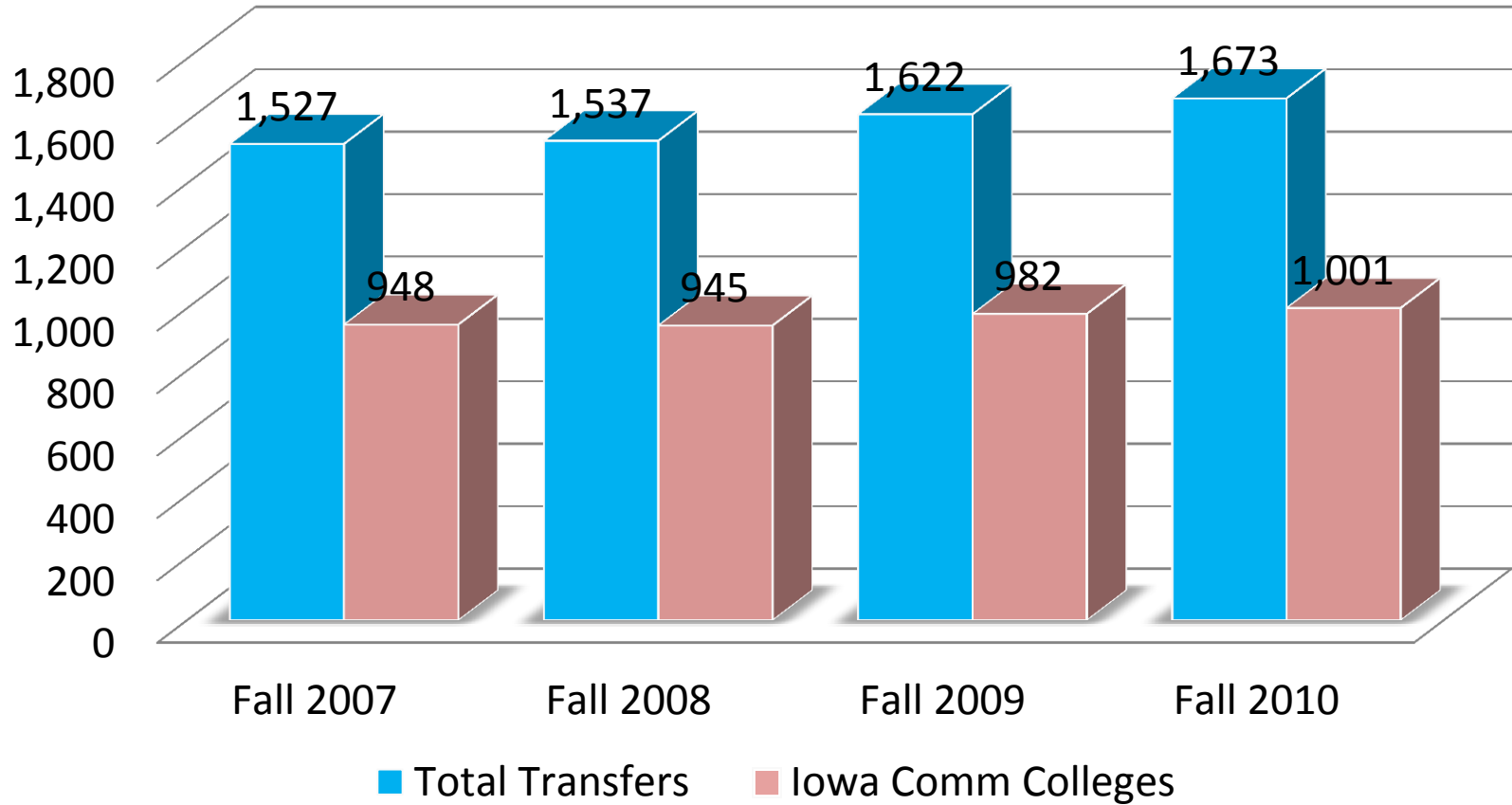


High school enrollment increased to 26,111 students. This fall, 25.9% of enrollment were composed of jointly enrolled students—down since last year.

Source: Iowa Department of Education, Community Colleges & Workforce Preparation, Iowa Community College Performance Indicators, July 2008

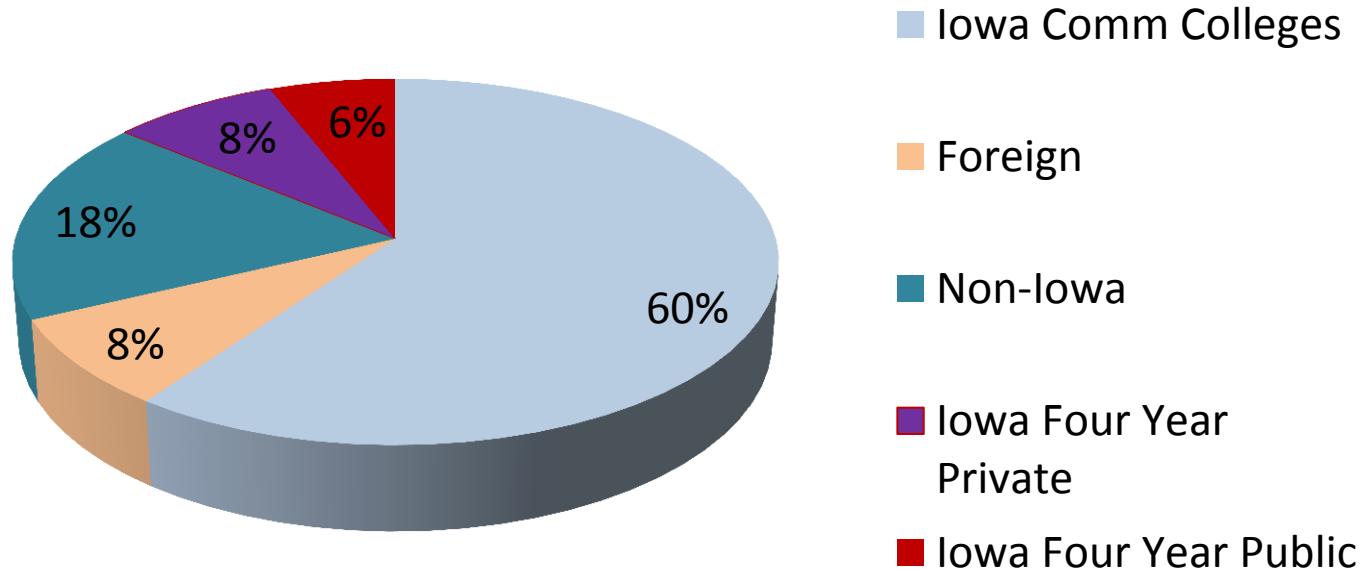
Iowa State University

New Transfer Student Matriculation



1,673 New Transfer Student Enrollment

Fall 2010



Partnerships can make a difference!



Admissions Partnership Program



APP History

- First signing – Spring 2006
- First student accepted - Summer 2006
- Over 100 students accepted - Fall 2006
- First APP Day - Fall 2006
- First APP Advisers' Forum – Spring 2007
- Over 50 APP students transferred to Iowa State – Fall 2007
- First APP students matriculated to Iowa State – Spring 2007
- Signed agreements with all 15 IA community colleges – Spring 2008
- Engineering APP (E-APP) developed - 2008



APP “Touch Point” Strategies

- Academic Advising from Iowa State

- Transfer Credit Evaluation each term
- Degree audit for intended Iowa State major
- Regular community college visits by Iowa State admissions
- Student ID Card (ISUCard)
- Iowa State e-mail account
- Iowa State academic and social resources
- Iowa State housing
- Athletic and cultural events



Program Participation

Since fall 2006, 1,289 students have participated in APP

Of the 1,289 students:

- 511 students have matriculated
- 60.3 % (777) male
- 39.7% (512) female
- 17.5% (222) minority students

As of fall 2010:

- 465 active APP participants
- 40 living in Iowa State residence halls

Program Assessment

Purpose of assessment: To study the impact of APP on transfer students and to determine program effectiveness.

- Relationship to **academic performance**
- Relationship to **retention**
- Reduction of **transfer shock**
- No reduction of CC students transferring having earned an AA or AS degree

Comparison of APP and Non-APP Transfer Students

First Semester GPA

- **Fall 2007:** 59 APP students (**2.35**) compared to 889 non-APP IA CC students (**2.45**)
- **Fall 2008:** 79 APP students (**2.52**) compared to 866 non-APP IA CC students (**2.40**)
- **Fall 2009:** 136 APP students (**2.49**) compared to 846 non-APP IA CC students (**2.30**)
- **Fall 2010:** 137 APP students (**2.50**) compared to 864 non-APP IA CC students (**2.33**)

Comparison of APP and Non-APP Transfer Students

One Year Cumulative GPA

- **Fall 2007:** 59 APP students (**2.45**) compared to 889 non-APP IA CC students (**2.48**)
- **Fall 2008:** 79 APP students (**2.63**) compared to 866 non-APP IA CC students (**2.49**)
- **Fall 2009:** 136 APP students (**2.58**) compared to 846 non-APP IA CC students (**2.40**)

Comparison of APP and Non-APP Transfer Students

First Year Retention Rate

- **Fall 2007:** 59 APP students (**88%**) compared to 889 non-APP IA CC students (**77%**)
- **Fall 2008:** 79 APP students (**85%**) compared to 866 non-APP IA CC students (**79%**)
- **Fall 2009:** 136 APP students (**92%**) compared to 846 non-APP IA CC students (**79%**)

How can APP serve prospective students better?

I think you are doing a great job now, but APP could have an easier application process.

I think APP could be promoted better. A lot of my friends are not aware of the program.

You need to offer more APP Days every semester. I was unable to attend the one in the fall because of my busy class schedule.

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DES MOINES AREA
COMMUNITY COLLEGE



NATIONAL SCIENCE FOUNDATION
STEM Talent Expansion Program (STEP)

STEM Student Enrollment and Engagement through Connections

Engineering APP Learning Community: Get Connected *Early and Often!*



**Mary E. Darrow – Transfer Coordinator, NSF STEP Project
Manager, Iowa State University College of Engineering**

STEM Student Enrollment and Engagement through Connections

E-APP History

- APP Development
- Established Learning Community Program at Iowa State
- NSF STEM Talent Expansion Program (STEP)

STEM Student Enrollment and Engagement through Connections

Why E-APP Learning Community? Student Voices...

- “Consult with an advisor from ISU before signing up for classes at the community college.”
- “I would recommend that students check with ISU frequently and ask an ISU advisor for the classes that would transfer while they are still taking classes at their community college.”
- “Talk to an ISU advisor in the department you would like to transfer into, they know the score.”

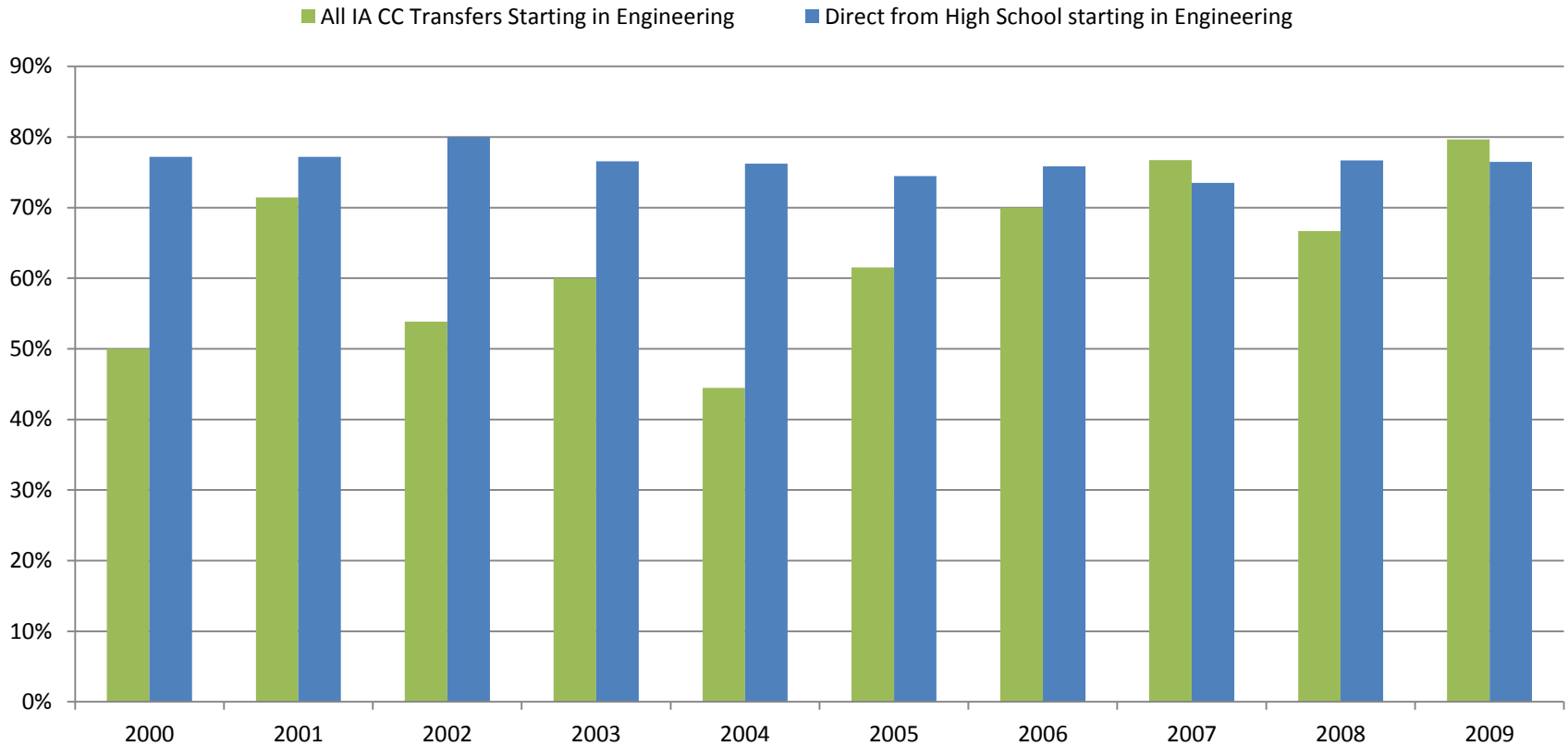
STEM Student Enrollment and Engagement through Connections

Why E-APP Learning Community?

- *Early* academic advising is needed in engineering.
- *Early* engagement may decrease “Transfer Shock”
- Retention rates of transfer students in engineering are significantly lower than with DFHS students.
- Retention rates for Iowa Community College (IA CC) transfer students *that participate in a Learning Community* are comparable to students entering directly from high school (DFHS) that participate in a Learning Community.
- The percent of IA CC transfer students (in engineering) that participate in a Learning Community is increasing, but is still relatively low.

STEM Student Enrollment and Engagement through Connections

Learning Community Retention Rates in Engineering Ten Year Averages



STEM Student Enrollment and Engagement through Connections

Communicate First Things First...

“What, then, are students’ main concerns regarding transfer? Overwhelmingly, they center on academic ability and college costs.”

Steven J. Handel
National Director Community College Initiatives
College Board

STEM Student Enrollment and Engagement through Connections

Engineering APP (E-APP) “Touch Point” Strategies

- EGR100
- Iowa State Advising
- Transfer Planning
- Access to Engineering Career Management System
- Peer Mentor Program
- EAPP Newsletter
- Professional E-Network Site (Groupsite)
- Engineering Career Fair
- Connections with WiSE
- VEISHEA Event
- Connections with Student Orgs.
- Undergraduate Research Experiences
- Scholarships

STEM Student Enrollment and Engagement through Connections

Our Peer Mentor Team



STEM Student Enrollment and Engagement through Connections



Virtual Peer
Mentor
Program



STEM Student Enrollment and Engagement through Connections

VEISHEA 2011 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.veishea.iastate.edu/


Most Visited Getting Started Latest Headlines Comments on 1964 Sh... Comments on 1964 Sh... Comments on 1964 Sh...

VEISHEA 2011

April 11 - 17, 2011


SEARCH

- ABOUT VEISHEA
- ENTERTAINMENT
- LIVE @ VEISHEA
- GET INVOLVED
- PARADE
- INTERNATIONAL FOOD FAIR
- STARS OVER VEISHEA
- TASTE OF VEISHEA
- VEISHEA VILLAGE
- VEISHEA 2011 INFO
- SCHOLARS
- PICTURES



CELEBRATE IOWA STATE
Your college. Your campus. Your community.


WHO WE ARE



What is VEISHEA?

VEISHEA is a celebration of Iowa State University—it's students, faculty members, and surrounding community. Founded in 1922, VEISHEA has had an exciting history. Learn more on the History Page!


VEISHEA SERVICE DAY



Get Involved with VEISHEA!

Take advantage of great involvement opportunities during VEISHEA 2011.

SCHOLARSHIPS



Scholarship Opportunities

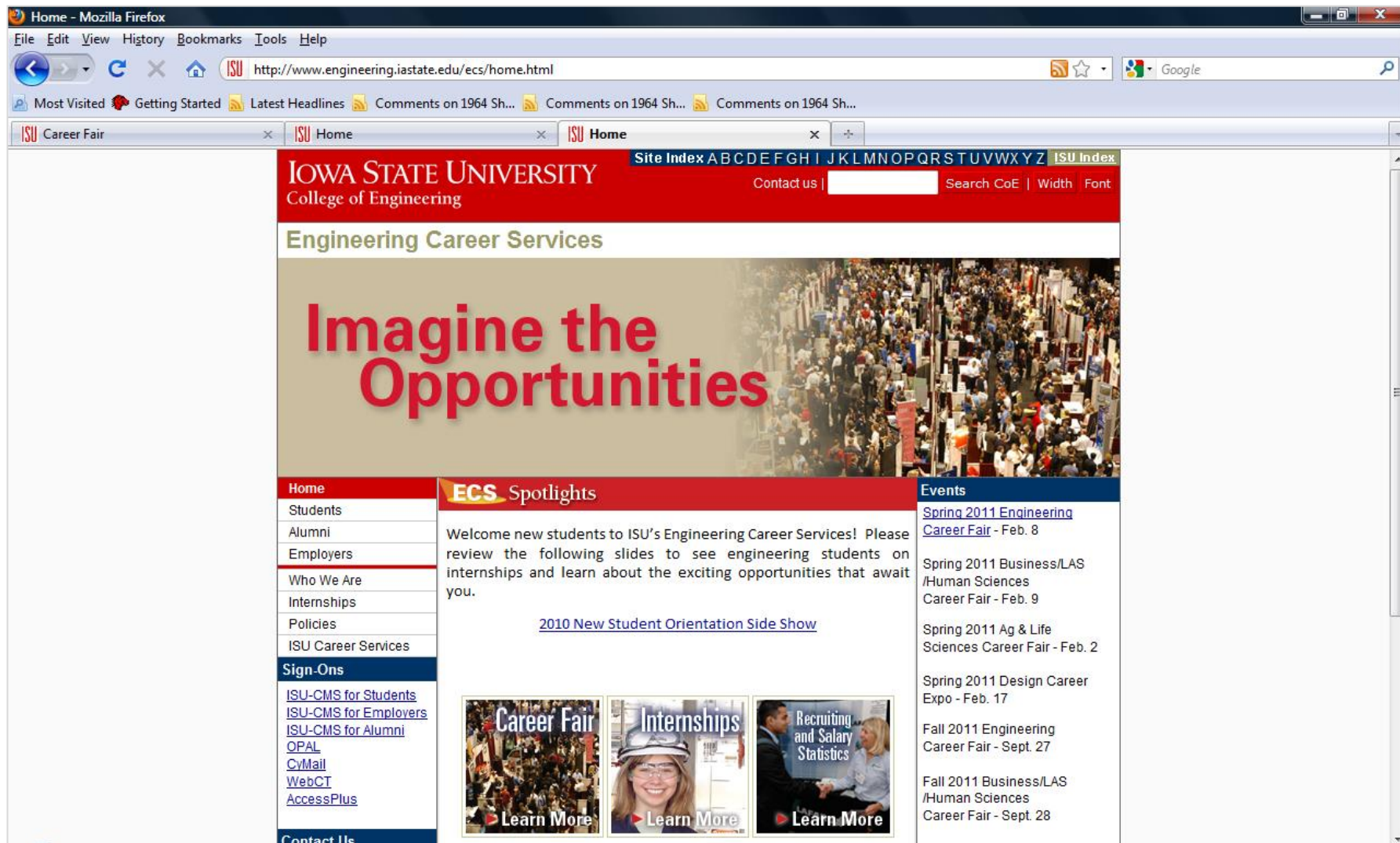
Follow this link to learn more about VEISHEA Scholarships.

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THE POSSIBILITIES ARE.

STEM Student Enrollment and Engagement through Connections



The screenshot shows a Mozilla Firefox browser window displaying the website <http://www.engineering.iastate.edu/ecs/home.html>. The browser's address bar and tabs are visible at the top. The website header features the Iowa State University logo and navigation links for 'Contact us', 'Search CoE', 'Width', and 'Font'. A 'Site Index' is provided with letters A through Z. The main content area is titled 'Engineering Career Services' and features a large banner with the text 'Imagine the Opportunities' overlaid on a photograph of a crowded career fair. Below the banner, there are three columns of content:

- Home:** A vertical menu with links for 'Students', 'Alumni', 'Employers', 'Who We Are', 'Internships', 'Policies', and 'ISU Career Services'.
- ECS Spotlights:** A section with a red header. It contains a welcome message: 'Welcome new students to ISU's Engineering Career Services! Please review the following slides to see engineering students on internships and learn about the exciting opportunities that await you.' Below this is a link for '2010 New Student Orientation Side Show'. At the bottom of this section are three small image thumbnails: 'Career Fair', 'Internships', and 'Recruiting and Salary Statistics', each with a 'Learn More' button.
- Events:** A section with a blue header listing several career fairs:
 - Spring 2011 Engineering Career Fair - Feb. 8
 - Spring 2011 Business/LAS /Human Sciences Career Fair - Feb. 9
 - Spring 2011 Ag & Life Sciences Career Fair - Feb. 2
 - Spring 2011 Design Career Expo - Feb. 17
 - Fall 2011 Engineering Career Fair - Sept. 27
 - Fall 2011 Business/LAS /Human Sciences Career Fair - Sept. 28

At the bottom left, there is a 'Sign-Ons' section with links for 'ISU-CMS for Students', 'ISU-CMS for Employers', 'ISU-CMS for Alumni', 'OPAL', 'CyMail', 'WebCT', and 'AccessPlus'. A 'Contact Us' link is also visible at the very bottom.

STEM Student Enrollment and Engagement through Connections

Student Learning Outcomes

E-APP Students will:

- Enter Iowa State with a transfer plan and connections which will assist them in their transition to Iowa State.
- Connect with Transfer peer mentors, ambassadors, and role models will through multiple points of engagement (“touch points”).
- Transition into departmental learning communities and/or other cohort programs within the college upon transfer.
- Have higher engagement, retention, and graduation rates than non-E-APP students.

STEM Student Enrollment and Engagement through Connections

E-APP Assessment Plan

- Track engagement or “touch points”
- Electronic Professional Network
- Analytic data
- Transfer Survey
- Track enrollment, engagement, retention and graduation rates

STEM Student Enrollment and Engagement through Connections

Student Testimonials

“The on-line group was a good way to keep up with Iowa State events that were relevant to me.”

Andrew Owens

Sophomore E-APP Aerospace Engineering
from Iowa Central Community College

"E-APP helped me get ready for Iowa State by getting an ISU adviser, student ID card, and knowing that all my classes were going to transfer."

Mitchel Steffes

Junior E-APP Agricultural and Biosystems Engineering
from Des Moines Area Community College

STEM Student Enrollment and Engagement through Connections

References

- Hills, J. R. (1965). Transfer shock: The academic performance of the junior college transfer. *Journal of Experimental Education*, 33, 201-216.
- Laanan, F. S., Rover, D. T., Bruning, M., Mickelson, S., Shelley, M., & Darrow, M. (2010, July). SEEC engineering transfer student profile (SEEC Data Brief No. 1). Retrieved from http://www.eng.iastate.edu/seec/reports/SEEC_Transfer_Profile_7_12_10.pdf
- Handel, S.H., *Second Chance, Not Second Class: A Blueprint for Community College Transfer*. Change, September/October 2007, pp.38-45.
- Adelman, C. (2006). The Toolbox Revisited: Paths to Degree Completion From High School Through College. Washington, DC: U.S. Department of Education.
- Adelman, C. (2008). Turning nomads into transfers. Washington, DC: American Association of Collegiate Registrars and Admissions Officers. PPT presentation retrieved July 19, 2008 from http://www.aacrao.org/transfer/Cliff_Adelman.pdf