

# CAST - 2011-12 Annual Report

Ball State University

## College of Applied Sciences and Technology - CAST

*Mitch Whaley, Dean*

*Jack Wescott, Associate Dean*

*Jenni Marsh, Development Director*

*Department of Family and Consumer Sciences – DFCS*

*Jay Kandiah, Chairperson*

*Department of Technology – DOT*

*Sam Cotton, Chairperson*

*Department of Military Science – MS*

*LTC Steven Hibler, Chairperson*

*Fisher Institute for Wellness and Gerontology - FIWG*


*Kathy Segrist, Interim - Director*

*School of Nursing – SON*

*Linda Siktberg, Director*

*School of Physical Education, Sport, and Exercise Science - SPESES*

*Tom Weidner, Chairperson*



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### *DEPARTMENTAL REPORTS AVAILABLE BY REQUEST*

DEPARTMENT OF FAMILY AND CONSUMER SCIENCES (DFCS)

DEPARTMENT OF TECHNOLOGY (DOT)

DEPARTMENT OF MILITARY SCIENCE (DMS)

FISHER INSTITUTE FOR WELLNESS AND GERONTOLOGY (FIWG)

SCHOOL OF NURSING (SON)

SCHOOL OF PHYSICAL EDUCATION, SPORT, AND EXERCISE SCIENCE (SPESES)

# CAST: 2011-2012 Annual Report - Overview

## *Key Strengths/Accomplishments of CAST – 2011-12*

### **1. Continued Popular and Strong Academic Programs** (Data - Appendix A)

- a. Significant growth in student credit hours generated by CAST programs <sup>1</sup>
  - i. **23%** ↑ across last 10 yrs (Figure A-1)
  - ii. Departmental data (Figure A-2)
- b. Significant growth in students selecting CAST majors <sup>1</sup>
  - i. **51%** ↑ across last 8 yrs (Figure A-3)
  - ii. Departmental data (Figure A-4)
- c. Successful student certification/licensing outcomes in 2011-12 (Figure A-5)
  - i. Met or exceeded “National Averages” for **8 of 10** credentialing exams across college
  - ii. **100%** pass rates on 4 of 10 national exams
- d. New Accreditation/Reaccreditation in 2011-12 (Full Programs listing Table A-1)
  - i. Doctorate in Nursing Practice received initial accreditation from Commission on Collegiate Nursing Education (CCNE) for 5 years
  - ii. Construction Management (DOT) received full accreditation from the American Council of Construction Education in February 2012
  - iii. Dietetic Program (DFCS) received reaccreditation from Accreditation Council for Education in Nutrition and Dietetics
- e. **39** unique immersive learning projects in CAST, involving **532** students and **20** faculty
- f. Pervasive experiential learning culture within CAST academic programs

### **2. Nationally Recognized Faculty and Programs** (Data - Appendix B)

- a. **19** CAST faculty serve on 28 Refereed Journal Advisory Boards (Table B-1)
- b. **21** CAST faculty received national/state honors or awards from professional organizations (Table B-2)
- c. **34** CAST faculty serve as officers or provide leadership in national professional organizations (Table B-3)
- d. **Dr. Tom Weidner** named Outstanding Faculty Member by Ball State University – Fall 2011
- e. **Dr. Todd Trappe** named Researcher of the Year by Ball State University – Fall 2011
- f. Masters in **Career and Technical Education** (DOT) ranked 11<sup>th</sup> nationally as best buy for online education degrees by GetEducated.com
- g. Masters in **Athletic Coaching Education** (SPESES) ranked 19<sup>th</sup> nationally as best buy for online education degrees by GetEducated.com

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<sup>1</sup> AAIR Fall 2011 report

- h. *Masters in Wellness Management (FIWG) recognized by National Wellness Institute with the "Distinguished Program Award for 2012"*

**3. \$1,210, 473 in gifts/pledges to CAST Foundation accounts YTD FY 2012**

- a. *Top college in growth in \$10,000 donors between 2009-2011 (↑35%)*
- b. *Established Weidner Center for Residential Property Management (\$1,000,000 gift from Weidner Residential Property Management)*
- c. *100 scholarships awarded from 59 funds totaling \$144,813*

**4. Faculty/Student Scholarship Summary <sup>2</sup> (Data Analyses - Appendix C)**

- a. *CAST ATE <sup>3</sup> Ratios for Refereed Writing (3.28), National Presentations (3.32), and External Grant submissions (1.54), all exceeded minimal CAST expectation of 1.0 (Table C-1)*
- b. *Four of five departments exceeded minimal expectations in all 3 categories (Table C-1)*
- c. *CAST scholarly metrics exceeded minimal expectations across the past 4 years (Figure C-2)*
- d. *143 refereed journal articles published (Table C-1)*
  - i. *↑ proportion of faculty with assigned time publishing refereed scholarship compared to past 2 years (80% vs. 75% (2010-11) and 69% (2009-2010))*
- e. *19 textbooks & chapters*
- f. *261 refereed/invited presentations (Table C-1)*
  - i. *63% national/international scope (69% last yr)*
- g. *External funding in FY12 (with 1 month remaining in FY12) compared to FY11, FY10, FY09 (Tables C-2 & C-3)*
  - i. *Exceeded Strategic Plan goal of ↑ 150% external funding in 4 of last 5 years (Table C-2 & C-3)*
    - 1. *List of Faculty with FY 12 external funding (Table C-4)*
  - ii. *Exceeded Strategic Plan goal of ↑ 150% median size of funded grants (\$30,416 compared to Goal of \$10,000)(Table C-2 & C-3)*
- h. *Exceeded Strategic Plan goal of 40% ↑ in external proposals in each of last 5 years (Table C-2 & C-3)*

**5. Student Honors and Awards**

- *Jon Ruble, received the George C. Marshall Award; attended national ceremony in Washington D.C. (MS-ROTC)*
- *Zachary Webb, received the Lloyd P. Nelson Award; selected to attend the Mission Command Conference at West Point Military Academy (MS-ROTC)*

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<sup>2</sup> Complete listings of faculty work contained in Departmental Annual Reports

<sup>3</sup> ATE = Assigned Time Equivalent



- Construction Management students (Edwin Frieden, Anthony Gary, Matt McDermott, Michelle Novotny, and Darren Rasmussen) – 2<sup>nd</sup> Place regionally in Design-Build Competition, Associated Schools of Construction, Downers Grove, IL; Regional Conference/Competitions, February, 2012; Faculty Advisor: Mike Mezo; (DOT)
- Lucas Dargo, received the National Athletic Trainers' Association Undergraduate Scholarship; attended national NATA conference in St. Louis (SPESES)
- Construction Management students (Phil Alter, Michael Benson, Thomas Enneking, Ethan Heiman, Michael Key, Dexter West, and Scott Kollwitz) advanced as Finalists in the U.S. Department of Energy – Solar Decathlon International Competition; Faculty Advisors: Tarek Mahfouz and James Jones (DOT)
- Kevin Hayden, won the undergraduate division title at the 2011 Indiana Association of Health, Physical Education, Recreation, and Dance – Sport Management Scholarship Showcase (SPESES)
- Laura Simon, won the graduate division outstanding poster award at the 2011 Indiana Association of Health, Physical Education, Recreation, and Dance – Sport Management Scholarship Showcase (SPESES)
- Jacqueline Zaiko, received the Catherine Wolf Indiana Association of Health, Physical Education, Recreation, and Dance Scholarship (SPESES)
- Bridget Fisk, 1<sup>st</sup> Place in Indiana Chapter of International Interior Design Association student competition; Faculty Advisor: Thelma Lazo-Flores (DFCS)
- Kristy Hatton, Lauren Deffner, and Maggie Smith, 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Place finishers in Indiana Chapter of National Kitchen and Bath Association Competition; Faculty Advisor: Thelma Lazo-Flores (DFCS)
- Lindsay Martin, 1<sup>st</sup> Place in Graduate Student Poster category at the Sports Cardiovascular and Wellness Conference, Chicago, IL; Faculty Advisor: Thelma Lazo-Flores (DFCS)
- Dara Conway, 1<sup>st</sup> Place at Gerontology Society of America competition – Fall 2011; Faculty Advisor: Reza Ahmadi (DFCS)
- Ali Patterson, Honorable Mention for Healthcare Facility in Cooper Lighting's SOURCE Awards National competition; Faculty Advisor: Thelma Lazo-Flores (DFCS)
- Lauren Deffner, Honorable Mention at the National Design Competition sponsored by American Society of Interior Designers; Faculty Advisor: Thelma Lazo-Flores (DFCS)

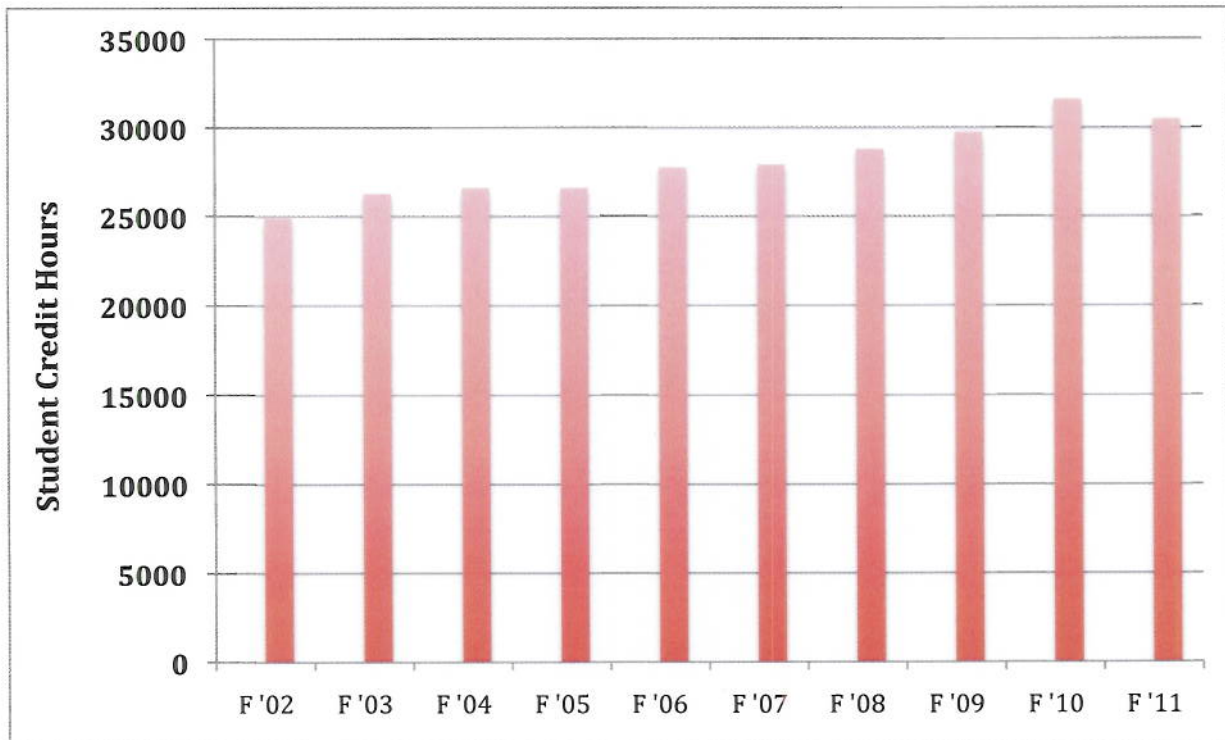
*Ball State University Sponsored Programs Office – Student Presentation Awards – Spring 2012*

- Kaitlyn Weiss, Mason Haggerty, and Jacqueline Heath – Excellence in Content; “The effect of seating surface compliance on trunk motion” – Faculty mentor: Henry Wang (SPESES)
- Eduardo Beltran – Excellence in Display; “The effect of gait retraining on female high school runner with knee pain” – Faculty mentor: Henry Wang (SPESES)

## APPENDIX A – Selected CAST Demographics

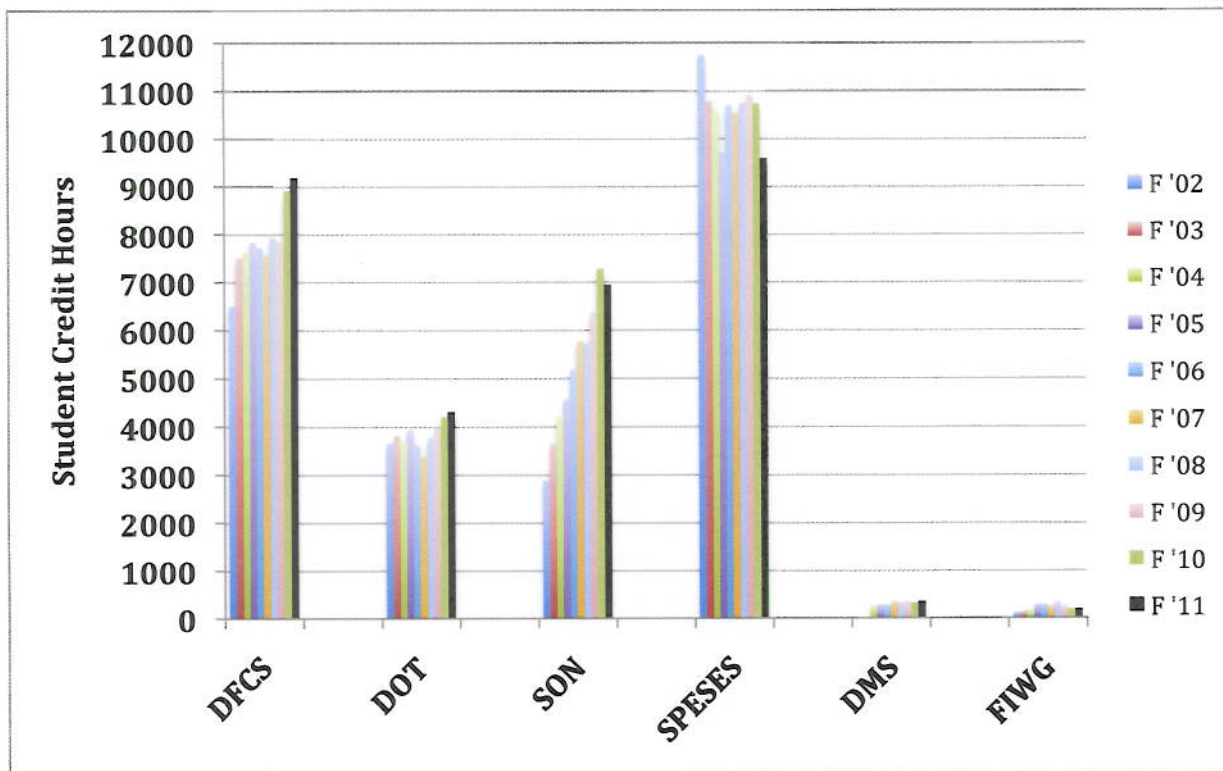
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Figure A-1: CAST student credit hour production - last 10 years



CAST 23% growth in past 10 yrs; Source: AAIR 2012 Report

Figure A-2: CAST departmental student credit hour production - last 10 years

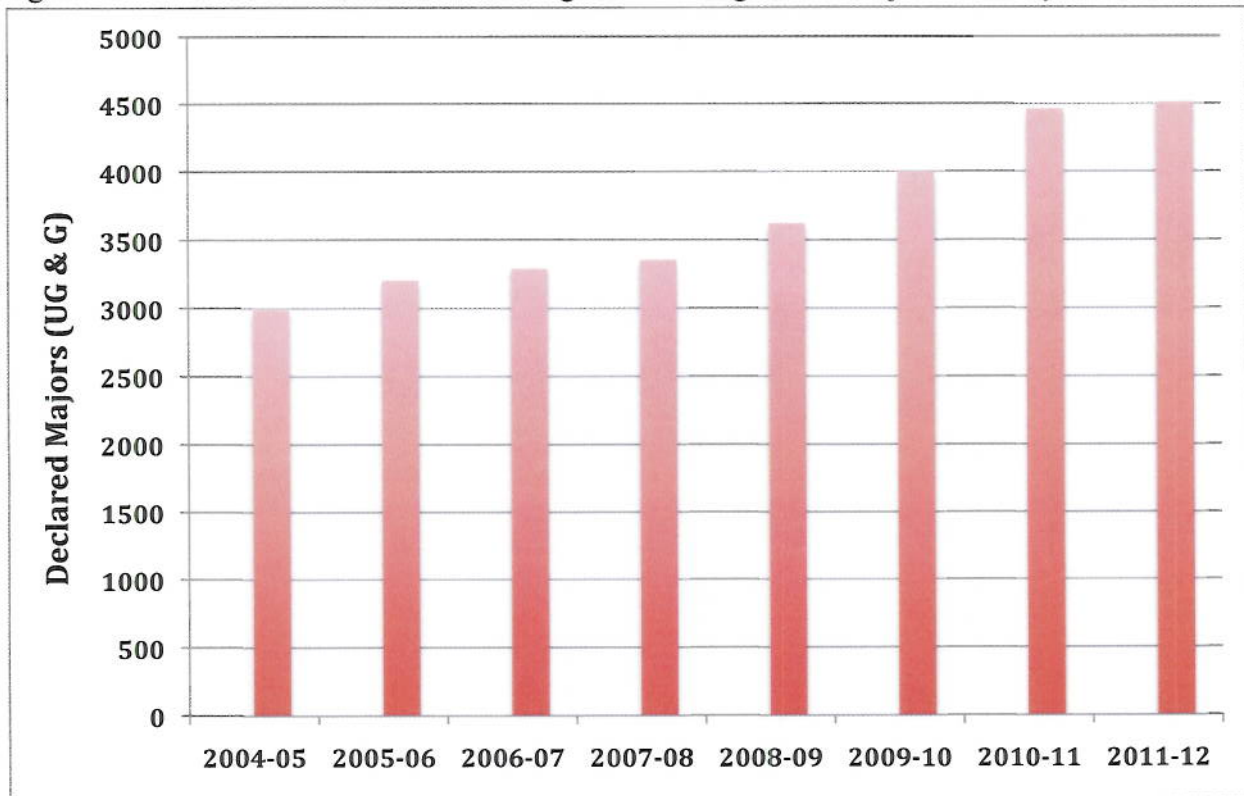


Source: AAIR 2012 Report

DFCS = Family and Consumer Sciences; DOT = Technology; SON = Nursing; SPESES = Physical Education, Sport, and Exercise Science; DMS = Military Science; FIWG = Fisher Institute for Wellness and Gerontology

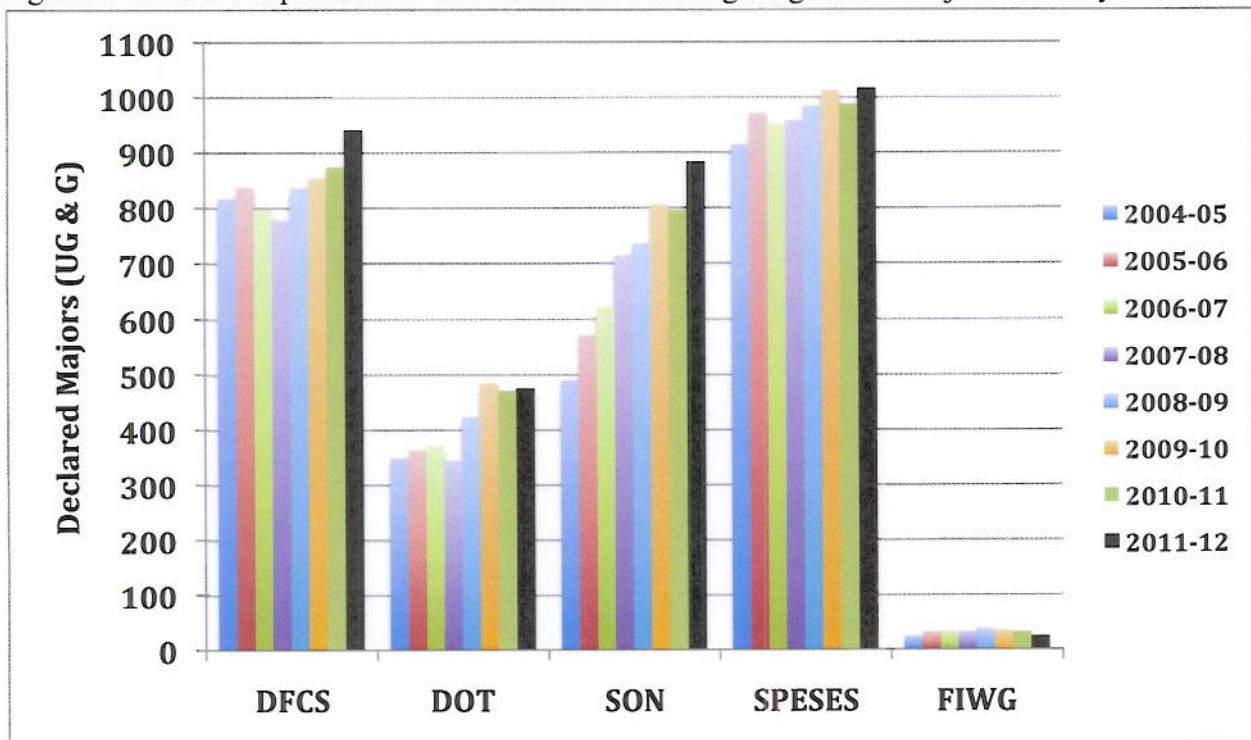


Figure A-3: CAST trend for declared undergraduate and graduate majors - last 8 years



CAST Growth 51% across past 8 yrs; UG = Undergraduate; G = Graduate  
Source: AAIR 2012 Report

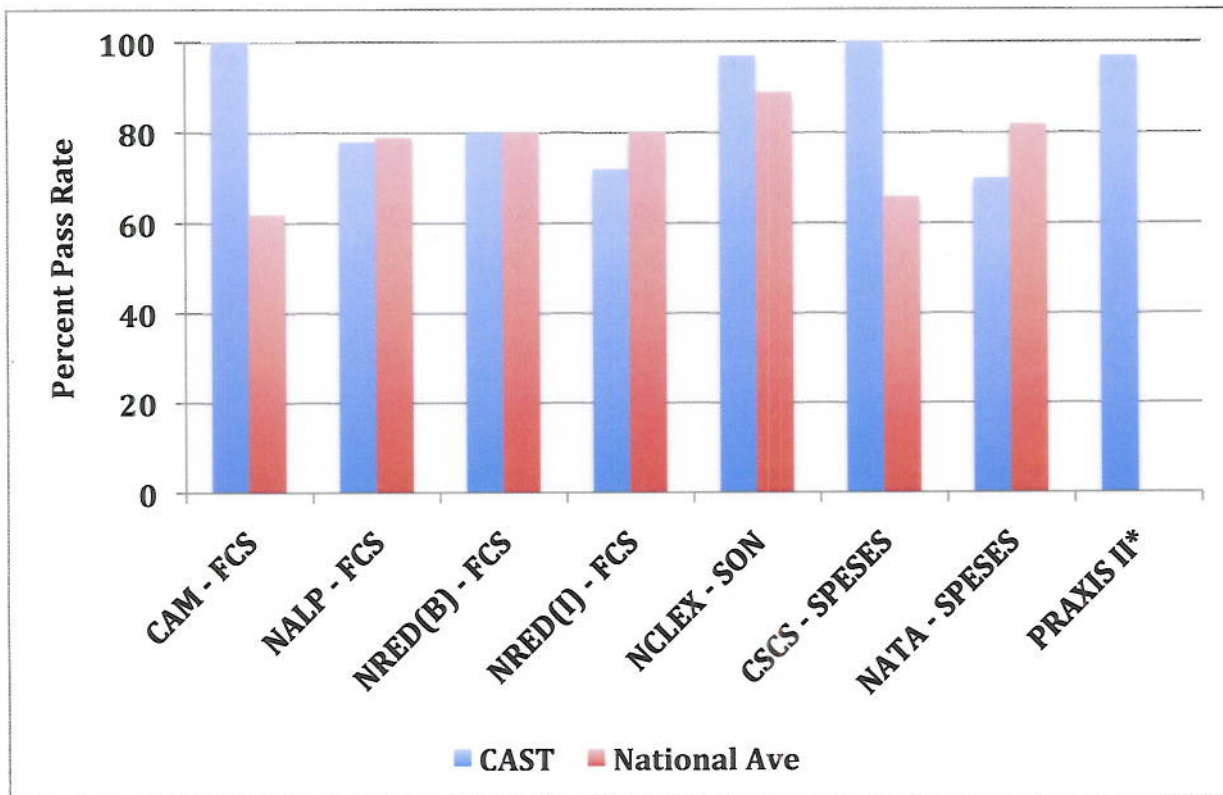
Figure A-4: CAST departmental data for declared undergrad/graduate majors - last 8 years



UG = Undergraduate; G = Graduate  
DFCS = Family and Consumer Sciences; DOT = Technology; SON = Nursing; SPESES = Physical Education, Sport, and Exercise Science;  
FIWG = Fisher Institute for Wellness and Gerontology  
Source: AAIR 2012 Report



Figure A-5: CAST National Credentialing Pass Rates AY 2011-12



- CAM = Certified Apartment Manager (DFCS Residential Property Management Program)
- NALP = National Apartment Leasing Professional (DFCS Residential Property Management Program)
- NREDB = National Registration Exam for Dietitians (Ball State BS graduates)
- NREDI = National Registration Exam for Dietitians (Ball State Internship program)
- NCLEX = National Council Licensure Exam (School of Nursing)
- CSCS = National Strength and Conditioning Association's Certified Strength and Conditioning Specialist (SPESES – Sports Performance Program)
- NATA = National Athletic Training Association's certification exam (SPESES – Athletic Training Education Program)
- PRAXIS II = Licensure exams for:
  - i. Physical Education Teacher Education (SPESES)
  - ii. Technology Teacher Education (DOT)
  - iii. Family and Consumer Science Education (DFCS)

\* 100% pass rate on 2 of 3 (DFCS & DOT); 97% pass rate on 3<sup>rd</sup> (SPESES)

Table A-1 CAST Program Accreditations (New\* & Continuing)

Family and Consumer Sciences

Program	Agency	Through Date
Department	American Association of Family and Consumer Sciences (AAFCS)	2017
Interior Design	Council for Interior Design Accreditation	2013
Child Study Center	National Academy of Early Childhood Programs (NAECP)	2017
Dietetics Didactic Program*	Accreditation Council for Education in Nutrition and Dietetics (ACEND)	2021
Dietetic Internship Program	Accreditation Council for Education in Nutrition and Dietetics (ACEND)	2012
FCS Education (UG)	NCATE	2018

Nursing

Program	Agency	Through Date
Baccalaureate Nursing	Commission for Collegiate Nursing Education (CCNE)	2018
Baccalaureate Nursing	Indiana State Board of Nursing	Annually
Master's Nursing	Commission for Collegiate Nursing Education (CCNE)	2018
Doctorate Nursing Practice*	Commission for Collegiate Nursing Education (CCNE)	2017

Technology

Program	Agency	Through Date
Construction Management*	American Council on Construction Education (ACCE)	2017
Manufacturing Engineering Technology	Accreditation Boards for Engineering and Technology (ABET)	2014
Technology Education (UG)	NCATE	2018

Physical Education, Sport, and Exercise Science

Program	Agency	Through Date
Athletic Training	Commission on Accreditation of Athletic Training Education	2016
Physical Education (UG)	NCATE	2018
Exercise Science (UG)	National Strength and Conditioning Associate (NSCA – Recognized)	2012

## **APPENDIX B – CAST Faculty Engagement**

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**TABLE B-1: CAST Refereed Journal Editorial Boards – 2011-12**

Faculty Member	Department	Journal
Carla Earhart	DFCS	• <i>Housing &amp; Society</i>
Scott Hall	DFCS	• <i>Family Science Review</i>
Thelma Lazo-Flores	DFCS	• <i>International Journal for Science &amp; Design</i>
Nagia Ali	SON	• <i>Cancer Nursing</i> • <i>American Journal of Health Behavior</i>
Kay Hodson Carlton	SON	• <i>Nurse Educator</i>
Baijan Yang	DOT	• <i>International Journal of Intelligent Computing &amp; Cybernetics</i>
James Flowers	DOT	• <i>Journal of STEM Teacher Education</i>
Mary Annette Rose	DOT	• <i>The Technology Teacher</i>
Lindsey Blom	SPESES	• <i>Journal of Contemporary Athletics</i>
Clark Dickin	SPESES	• <i>World Journal of Orthopedics</i>
Lawrence Judge	SPESES	• <i>Journal of Facility Planning &amp; Design</i> • <i>The Physical Educator</i> • <i>Techniques Magazine</i>
Leonard Kaminsky	SPESES	• <i>Journal of Cardiopulmonary Rehabilitation</i> • <i>American College of Sports Medicine – Health &amp; Fitness Journal</i>
Anthony Mahon	SPESES	• <i>Pediatric Exercise Science</i> • <i>Research in Sports Medicine</i>
David Pearson	SPESES	• <i>Journal of Strength &amp; Conditioning Research</i> • <i>National Strength &amp; Conditioning Journal</i>
Scott Trappe	SPESES	• <i>Medicine &amp; Science in Sports &amp; Exercise</i> • <i>Journal of Applied Physiology</i>
Todd Trappe	SPESES	• <i>Frontiers in Endocrinology of Aging</i>
Stacy Walker	SPESES	• <i>Athletic Training Education Journal</i> • <i>Journal of Athletic Training</i>
Thomas Weidner	SPESES	• <i>Athletic Training Education Journal</i> • <i>Journal of Athletic Training</i>
Jane Ellery	FIWG	• <i>Occupational Hazards Magazine</i>

**Table B-2: CAST Faculty Honors/Awards – 2011-12**

Faculty Member	Department	Award	Organization
Carla Earhart Howard Campbell Sue Whitaker	DFCS	• <i>Housing Impact Award</i>	• <i>Housing Education &amp; Research Association</i>
Scott Hall	DFCS	• <i>Outstanding Reviewer 2011</i>	• <i>Journal of Family &amp; Economic Issues</i>
Jo Carol Chezem	DFCS	• <i>McCormick Science Institute Research Award</i>	• <i>American Dietetic Association</i>
Valerie Amend	DFCS	• <i>Young Dietitian of the Year Award</i>	• <i>Indiana Dietetics Association</i>
Jay Kandiah	DFCS	• <i>Honored Dietitian Award</i>	• <i>Indiana Dietetics Association</i>
Kay Hodson Carlton	SON	• <i>Leadership Award</i>	• <i>International Nursing Association for Clinical Nursing Simulation</i>
James Flowers	DOT	• <i>Outstanding Publication Award</i>	• <i>Council on Technology &amp; Engineering Teacher Education</i>
James Jones	DOT	• <i>Best Conference Paper Award</i>	• <i>Association of Technology, Management, and Applied Engineering</i>
Rex Kanu	DOT	• <i>Service Award</i>	• <i>Rotating Molding Division of SPE</i>
Mary Annette Rose	DOT	• <i>Outstanding Research in Technology Education Award</i>	• <i>Council on Technology &amp; Engineering Teacher Education</i>
Matthew Harber	SPESES	• <i>Early Career Reviewer Program</i> • <i>Fellow Status</i>	• <i>National Institutes of Health</i> • <i>American College of Sports Medicine</i>
James Johnson	SPESES	• <i>Research Award</i>	• <i>National Association of Academic Advisors for Athletics</i>
Lawrence Judge	SPESES	• <i>Fred Wilt Award</i> • <i>Sports Management Professional of the Year Award</i>	• <i>USA Track &amp; Field Association</i> • <i>Indiana Association of Health, Physical Education, Recreation, and Dance</i>
David Pierce	SPESES	• <i>Young Professional of the Year Award</i>	• <i>Indiana Association of Health, Physical Education, Recreation, and Dance</i>
Todd Trappe	SPESES	• <i>Fellow Status</i>	• <i>American College of Sports Medicine</i>
Stacy Walker Dorice Hankemeier	SPESES	• <i>Outstanding Research Manuscript Award</i>	• <i>Athletic Training Education Journal</i>
Thomas Weidner	SPESES	• <i>Distinguished Service Award</i>	• <i>Great Lakes Athletic Trainers' Association</i>
Kathy Segrist	FIWG	• <i>Fellow Status</i>	• <i>Gerontological Society of America</i>



**Table B-3: CAST National Engagement – 2011-12**

**Family and Consumer Sciences**

Faculty Member	Activity	Organization
Robin Box	• Counselor	• Phi Upsilon Omicron National Council
Carla Earhart	• Academic Section Committee • Publications Committee	• Housing Education & Research Association • Housing Education & Research Association
Scott Hall	• Treasurer	• Family Science Association
Diana Saiki	• Abstract Paper Review Committee (CO-CHAIR)	• Textile & Apparel Association

**Nursing**

Faculty Member	Activity	Organization
Kay Hodson Carlton	• Health Information Technology Scholars Program	• National League for Nursing
Linda Sweigart	• Health Information Technology Scholars Program	• National League for Nursing
Linda Siktberg	• Faculty Leadership/Mentoring Program • Site Visitor	• National League for Nursing • Commission on Collegiate Nursing Education
Debra Siela	• Education Subcommittee • Education Committee (CHAIR) • Content Expert Advisory	• American Assoc. of Clinical Nurse Specialist • National Assoc. of Clinical Nurse Specialist • American Nurse Credentialing Center
Beth Kelsey	• Nurse Practitioner Faculty • Executive Committee	• National Organization of Nurse Practitioner • National Assoc. of Nurse Practitioners in Women's Health
Cindy Thomas	• Clinical Nursing Simulation Committee (CHAIR) • Simulation Project Committee (CHAIR)	• International Nursing Association • National League for Nursing

**Technology**

Faculty Member	Activity	Organization
Sam Cotton	• ATMAE – Online Education Committee	• Association of Technology, Management, and Applied Engineering
James Flowers	• Treasurer • International Program Committee	• SPE Rotational Molding Division • International Assoc. of Science & Technology for Development
David Hua	• Women in Technology Division • Advisory Committee	• Association of Technology, Management, and Applied Engineering • NetApp Academic Alliance
Hans Kellogg	• President	• International Graphic Arts Education Association
Tarek Mahfouz	• Construction Research Congress Committee • Data, Sensing, and Analysis Committee  • Technical Council for Computing and Information Technology	• American Society of Civil Engineers • Associated Schools of Construction Education • Associated Schools of Construction Education
Mary Annette Rose	• Teacher Education Committee	• Council on Technology Teacher Education
Richard Seymour	• <b>Past - President</b> • Board of Directors	• Council on Technology Teacher Education • International Technology Engineering Educators Association
Baijian Yang	• <b>President</b>	• EECT Division - Association of Technology, Management, and Applied Engineering



**Table B-3 (Continued)****Physical Education, Sport, and Exercise Science**

Faculty Member	Activity	Organization
Lindsey Blom	<ul style="list-style-type: none"> <li>Public Interest Committee</li> <li>Sport Steering Committee</li> <li>Thesis Award Committee</li> <li>Sport Psychology Registry</li> </ul>	<ul style="list-style-type: none"> <li>American Psychological Association</li> <li>American Alliance for Health, Physical Education, Recreation, and Dance</li> <li>American A Sport Psychology</li> <li>United State Olympic Committee</li> </ul>
Lee Ann Bussell	<ul style="list-style-type: none"> <li>Finance Committee</li> </ul>	<ul style="list-style-type: none"> <li>North American Society of Sports Management</li> </ul>
Dorice Hankemeier	<ul style="list-style-type: none"> <li>Accreditation Site Reviewer</li> </ul>	<ul style="list-style-type: none"> <li>Commission on Accreditation of Athletic Training Education</li> </ul>
James Johnson	<ul style="list-style-type: none"> <li>Research Committee</li> </ul>	<ul style="list-style-type: none"> <li>National Association of Academic Advisors for Athletics</li> </ul>
Lawrence Judge	<ul style="list-style-type: none"> <li>Council on Facilities/Equipment (CHAIR)</li> <li>Publications Committee</li> <li><b>President</b></li> <li>Coaches Education - Throwing Events</li> </ul>	<ul style="list-style-type: none"> <li>American Alliance for Health, Physical Education, Recreation, and Dance</li> <li>Association for Physical Activity &amp; Recreation</li> <li>National Commission for Accreditation in Coaching Education</li> <li>USA Track &amp; Field Association</li> </ul>
Leonard Kaminsky	<ul style="list-style-type: none"> <li>Exercise, Cardiac Rehabilitation, and Prevention Committee</li> <li>Physical Activity Committee</li> </ul>	<ul style="list-style-type: none"> <li>American Heart Association</li> </ul>
David Pearson	<ul style="list-style-type: none"> <li>Fellow Application Review Board</li> <li>Examination Development Committee</li> </ul>	<ul style="list-style-type: none"> <li>American Heart Association</li> <li>National Strength &amp; Conditioning Assoc.</li> <li>National Strength &amp; Conditioning Assoc.</li> </ul>
Amber Phillips	<ul style="list-style-type: none"> <li>Awards Committee</li> <li>Advisory Board</li> </ul>	<ul style="list-style-type: none"> <li>National Association for Sport &amp; Physical Education</li> <li>Physical Education Central</li> </ul>
David Pierce	<ul style="list-style-type: none"> <li>Case Study Organizing Committee</li> </ul>	<ul style="list-style-type: none"> <li>College Sport Research Institute</li> </ul>
Carol Reed	<ul style="list-style-type: none"> <li>VP of SEI Corp; Scuba Educators International</li> </ul>	<ul style="list-style-type: none"> <li>Scuba Educators International</li> </ul>
Scott Trappe	<ul style="list-style-type: none"> <li>Exercise Clinical Trials Network (CHAIR)</li> <li>Leadership &amp; Diversity Training Program</li> <li>Science Integration/Leadership Committee</li> <li>Scientific Assembly</li> <li>Organizing Committee</li> </ul>	<ul style="list-style-type: none"> <li>American College of Sports Medicine</li> <li>American College of Sports Medicine</li> <li>American College of Sports Medicine</li> <li>COSPAR</li> <li>COSPAR</li> </ul>
Todd Trappe	<ul style="list-style-type: none"> <li>Working Group – Exercise Countermeasures for Exploration Missions</li> <li>Skeletal Muscle/Exercise Physiology Study Section</li> </ul>	<ul style="list-style-type: none"> <li>National Aeronautics &amp; Space Administration</li> <li>National Institutes of Health</li> </ul>
Stacy Walker	<ul style="list-style-type: none"> <li>Advisory Panel</li> <li>Evidence-based Task Force</li> <li>Program Committee (CHAIR)</li> </ul>	<ul style="list-style-type: none"> <li>ATAEJ</li> <li>National Athletic Trainers' Association</li> <li>NAEC</li> </ul>
Tom Weidner	<ul style="list-style-type: none"> <li>Research Assistance Committee (Chair)</li> </ul>	<ul style="list-style-type: none"> <li>Great Lakes Athletic Trainers' Association</li> </ul>
Mitch Whaley	<ul style="list-style-type: none"> <li>Consumer Information Committee</li> </ul>	<ul style="list-style-type: none"> <li>American College of Sports Medicine</li> </ul>

**Fisher Institute for Wellness and Gerontology**

Faculty Member	Activity	Organization
Kathy Segrist	<ul style="list-style-type: none"> <li>Board of Directors</li> <li>Executive Committee</li> </ul>	<ul style="list-style-type: none"> <li>Gerontological Society on Aging</li> <li>Association for Gerontology in Higher Education</li> </ul>

## **APPENDIX C – CAST Scholarship Summary Data**

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Table C-1: CAST FY 2012 ATE Ratio Summaries by Department

**CAST Articles/Textbooks/Creative End.**

Dept	ATE	Articles	All Writing	ATE ratio	% Faculty*
DFCS	12.5	19	31	2.48	67%
SON	3.6	23	27	7.50	100%
DOT	8.5	20	21	2.47	90%
SPESES	23	79	80	3.48	90%
FIWG	1.8	2	3	1.67	50%

Totals 49.4 143 162 **3.28** **82%**

\* % of those with AT with refereed article (lead, or co-author)

**CAST Presentations**

Dept	ATE	#	Nat/Inter	ATE Ratio* % Nat/Inter	
DFCS	12.5	57	19	1.52	33%
SON	3.6	40	22	6.11	55%
DOT	8.5	36	30	3.53	83%
SPESES	23	117	88	3.83	75%
FIWG	1.8	11	5	2.78	45%

Totals 49.4 261 164 **3.32** **63%**

\* National/International Presentations

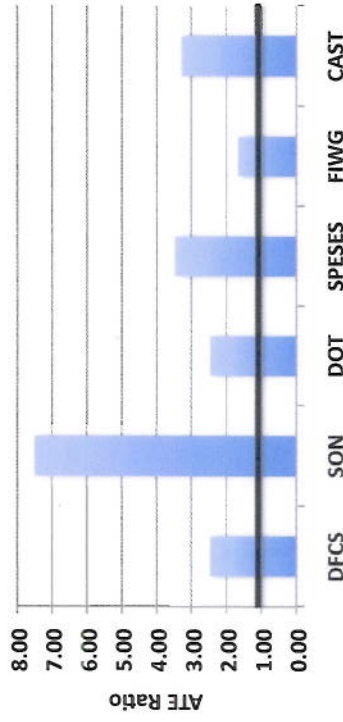
**CAST External Proposals (FY 12)**

Dept	ATE	#	Funded	ATE ratio	% Faculty*	Funding
DFCS	12.5	11	1	0.88	80%	\$6,000
SON	3.6	6	2	1.67	60%	\$76,118
DOT	8.5	20	4	2.35	75%	\$2,568,284
SPESES	12.0	17	10	1.42	81%	\$1,240,699
FIWG	1.8	5	4	2.78	100%	\$103,231

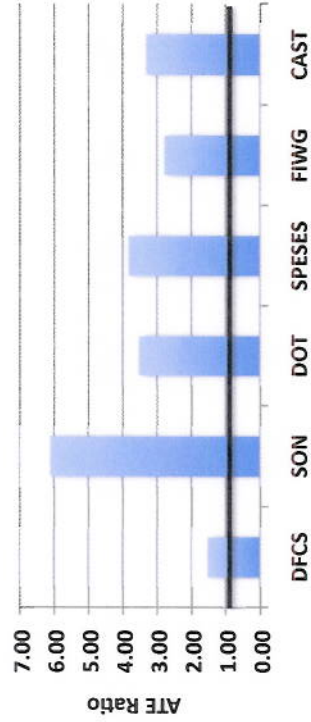
Totals 38.4 59 21 **1.54** **65%** \$3,994,332

\* % of those with AT that were PI on external proposal in FY 12, or had significant funding carry over funding from previous year; Excludes YR 1 faculty

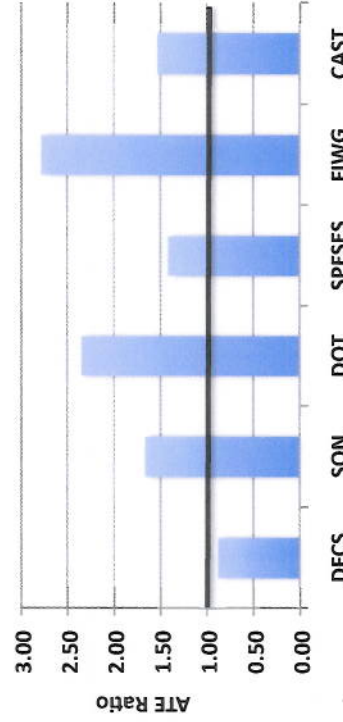
**Scholarly Writing**



**National/International Presentations**



**External Proposals**

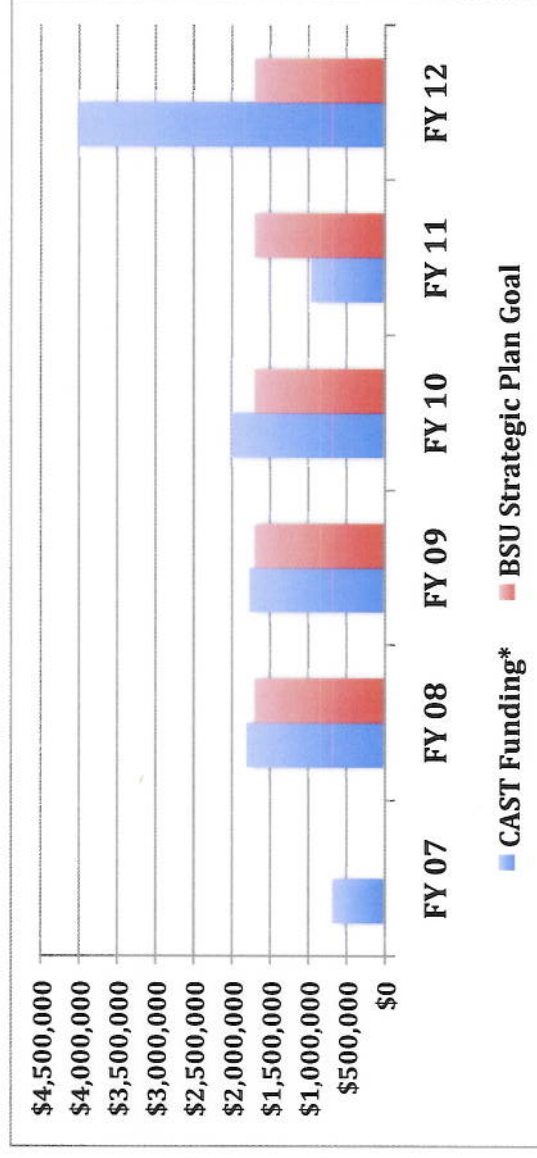




**Table C-2: CAST External Funding SCORECARD (BSU Strategic Plan metrics)**

Metric	FY 2007 <i>Baseline</i>	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	2012 Goal*
External Funding	\$680,412	\$1,800,836	\$1,763,742	\$1,999,939	\$959,230	\$3,994,332	\$1,701,030
Median \$	\$3,000	\$16,000	\$5,000	\$4,068	\$2,500	\$30,416	\$7,500
Submitted Proposals	36	53	67	71	62	59	51
Faculty PIs	27	40	43	40	34	38	41

\* Ball State Strategic Plan Goals: ↑ external funding ~ 150%; ↑ ext proposals ~ 40%; ↑ faculty submitting ext proposals ~ 50%; ↑ median size of grants ~ 150%



**Figure C-1: External funding relative to Strategic Plan goal of \$1.7 million.**

Goal represents ↑ of 150% in funding from baseline year FY07

Multi-year grant awards are reflected as actual funding in a given year

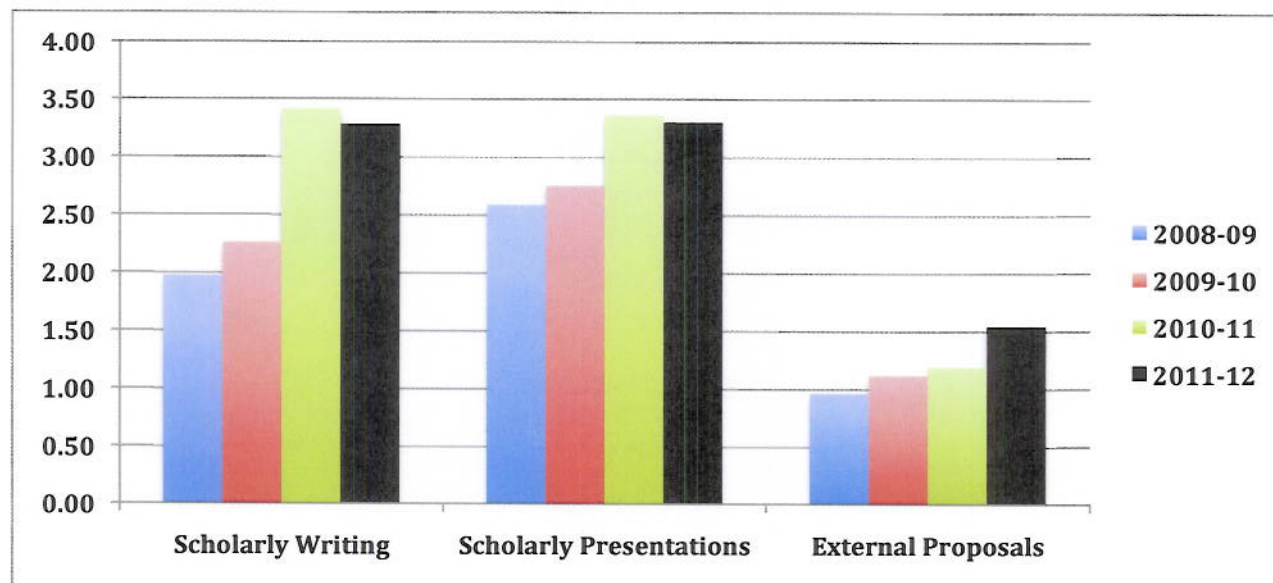
**Table C-3: CAST – Departmental External Funding Data FY 2012**

<i>Department (N with ATS)</i>	<i>AY 2010- 11 ATEs</i>	Proposal Submissions FY 2012				Funded Proposals FY 2012			
		<i># Submitted</i>	<i># With IDC</i>	<i>Requested Funds (\$)</i>	<i>Median Size (\$)</i>	<i># Funded</i>	<i># With IDC</i>	<i>Total FY11 Funding* (\$)</i>	<i>Median Size (\$)</i>
DFCS (13)	12.5	11	3	\$243,406	\$5,000	2	0	\$6,000	\$3,000
SON (5)	3.6	6	2	\$549,813	\$7,045	2	0	\$76,118	\$38,059
DOT (10)	8.5	20	4	\$5,654,224	\$21,058	4	0	\$2,568,284	\$38,992
SPESES (19)	12.0	17	5	\$1,623,337	\$3,500	11	6	\$1,240,699	\$72,250
FIWG (2)	1.8	5	3	\$939,143	\$12,400	3	2	\$103,231	\$24,116
<b>CAST (49)</b>	<b>38.4</b>	<b>59</b>	<b>17 (29%)</b>	<b>\$9,009,923</b>	<b>\$10,800</b>	<b>22</b>	<b>8 (36%)</b>	<b>\$3,994,332</b>	<b>\$30,416</b>

\* Funding for multi-year grants include only the amounts paid during FY 12

ATS = Assigned Time for Scholarship; ATE = Assigned Time Equivalent

Figure C-2: CAST 4 YR ATE Ratios for Scholarly Writing, Presentations and External Proposals



*Scholarly Writing includes refereed articles and textbooks*

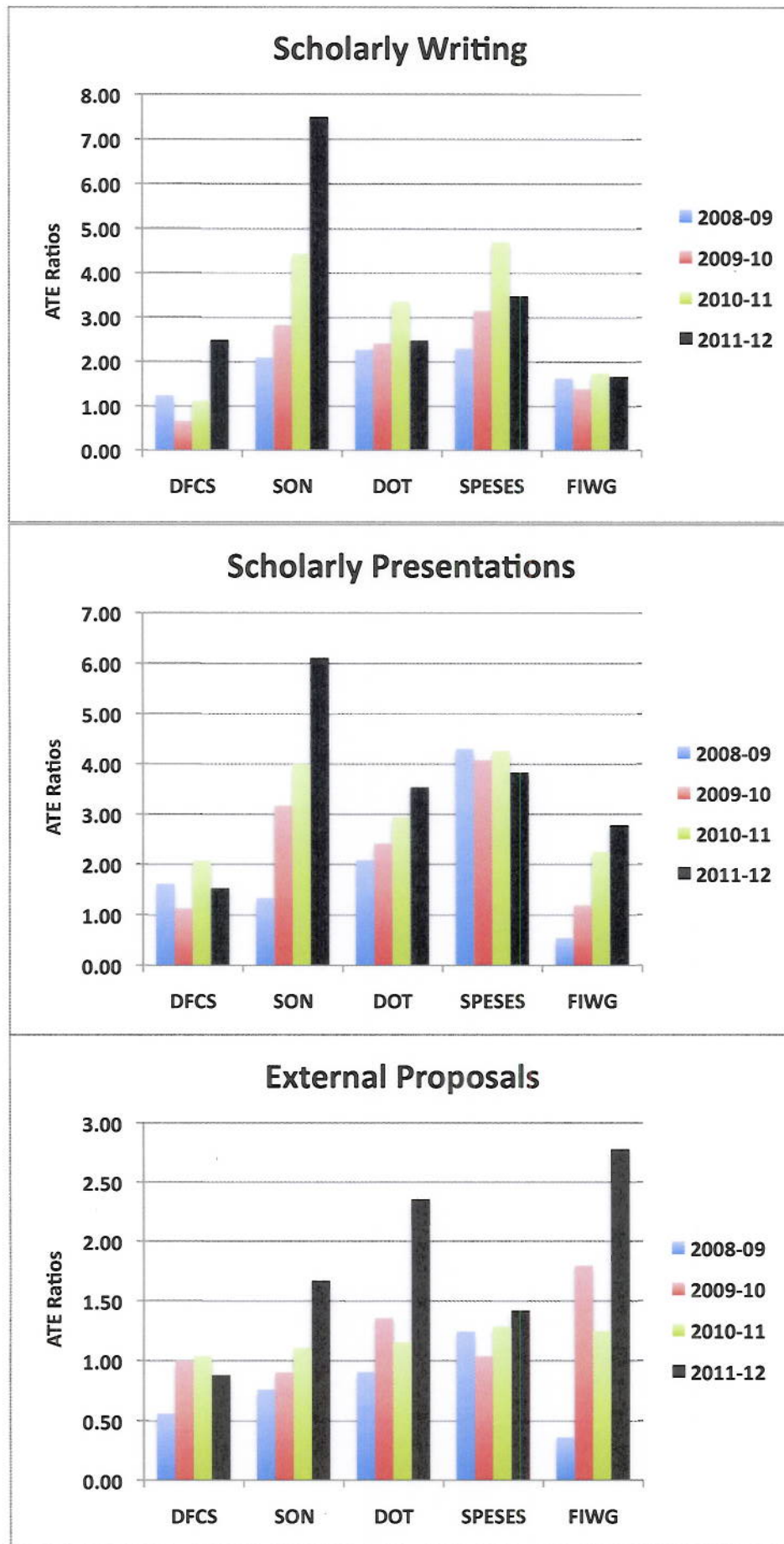
*Scholarly Presentations includes refereed/invited national or international*

*External proposals include those submitted through Ball State University SPO for respective FY*

***Values > 1.0 = Exceeded minimal expectation***



**Figure C-3 - CAST 4 YR ATE Ratios For Scholarship**



**Table C-4: CAST Faculty/Staff with externally-funded proposals through SPO in FY 12****Family and Consumer Sciences**

Faculty/Staff Member	External Agency
Trenton Bush	• Trim Masters Charitable Foundation
Alice Spangler	• American Association of Family and Consumer Sciences

**Nursing**

Faculty/Staff Member	External Agency
Marilyn Ryan	• Health Resources and Service Administration
Renee Twibell	• Daisy Foundation
Debra Siela	• Daisy Foundation

**Technology**

Faculty/Staff Member	External Agency
Sam Cotton	• Indiana Dept. of Education
Ed Lazaros	• Indiana Dept. of Education
James Jones	• Meridian Systems • National Housing Endowment
Tarek Mahfouz	• Meridian Systems
Hans Kellogg	• Esko-Graphics, INC.

**Physical Education, Sport, and Exercise Science**

Faculty/Staff Member	External Agency
Lindsey Blom	• Department of State • Indiana Association of Health, Physical Education, Recreation, and Dance
Lawrence Judge	• Department of State • Indiana Campus Compact
David Pierce	• Indiana Campus Compact
He Wang	• Department of Defense • Konkuk University • Force and Motion Foundation
Scott Trappe	• National Institutes of Health • National Aeronautic and Space Administration
Todd Trappe	• National Institutes of Health • National Aeronautic and Space Administration
Matthew Harber	• National Institutes of Health • National Skeletal Muscle Research Center
Leonard Kaminsky	• National Institutes of Health • National Skeletal Muscle Research Center • American Heart Association
Stacy Walker	• Great Lakes Athletic Trainers Association
Dorice Hankemeier	• Great Lakes Athletic Trainers Association
Elizabeth Wanless	• Indiana Campus Compact
Bozena Jemiolo	• National Institutes of Health
Ulrika Rau	• National Institutes of Health

**Fisher Institute for Wellness and Gerontology**

Faculty/Staff Member	External Agency
Kathy Segrist	• Corporation for National and Community Service
Jane Ellery	• Youth Opportunity Center • Ball Brothers Foundation