

Connecting Interprofessional Teaching to Collaborative Scholarship - Keys to Success

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International Network for Health Workforce Education

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- The presentation has no other conflicts of interest.



Objectives

- After this session, participants will be able to:
 - Describe the benefits of collaborative scholarship
 - Identify specific strategies for making collaborative scholarship work



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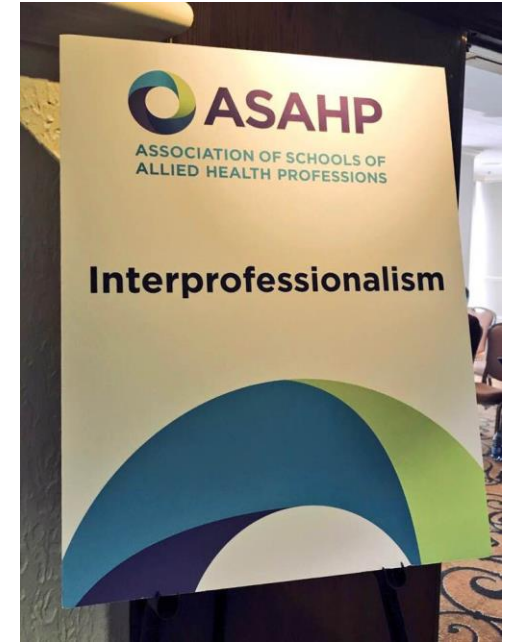
My story...

Future Directions in Athletic Training Education

Approved by the NATA Board of Directors – June 25, 2012

NATA Executive Committee for Education
Chair: Sara Brown, MS, ATC

Future Directions in Athletic Training Education



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COMMENTARY

Interprofessional Education and Practice in Athletic Training

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Interprofessional preparation in athletic training has grown from modest course bases in physical education in the 1960s to its emergence as a recognized health profession today. The profession has long embraced interprofessional practice (IPP), but many issues have not been included in discussions held in the medical, governmental, and educational fields. As a result, the concept of interprofessional education (IPE) which has seen an emphasis in medicine, nursing, and related health sectors in 2010, has not been a part of most athletic training programs. Investigations into IPE and IPP in athletic training have found that the programs were implemented by athletic training educators because of a lack of resources and preparation for their role in the future of health care. In 2012, the National Athletic Trainers' Association Executive Committee for Education authorized "Future Directions in Athletic Training" to make recommendations regarding the evolution and promotion of IPE in athletic training. A primary goal of this strategy was to develop a paper regarding IPE and IPP in athletic training to provide the profession and other stakeholders with background information and current model packaging that could be implemented in professional athletic training programs. The resulting document was created using a structured process that included a core group of authors from a wide range of settings.

Key Words: Teamwork, collaboration, health care, pedagogy

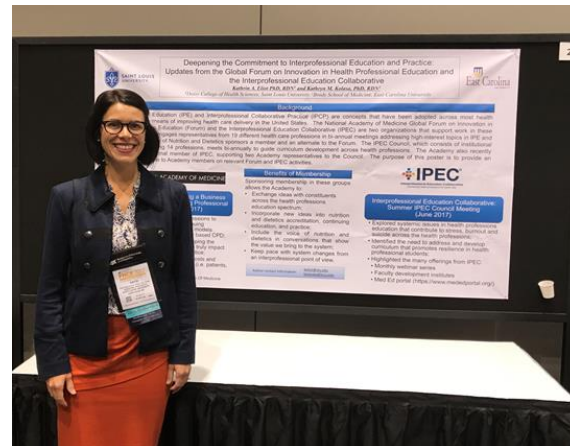
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Full Credits:
Reinbach AP, Richardson R. National Athletic Trainers' Association Executive Committee for Education, Interprofessional Education and Practice in Athletic Training Work Group. Interprofessional Education and Practice in Athletic Training. *ATA Train Educ*. 2016;10(2):70-72.



Katie's story...



PRACTICE APPLICATIONS

Topics of Professional Interest

The Value in Interprofessional, Collaborative-Ready Nutrition and Dietetics Practitioners

REGISTERED DIETITIAN NUTRITIONISTS (RDNs) are integral members of many health care and health prevention teams

a greater understanding of the overall health system students will be operating within.

In this article, the authors hope to

two or more professions learn about, from, and with each other to enable effective collaboration and improve health outcomes.”⁷ Although no stan-

Starting the Journey...

- “From Buy in to Integration” Article
 - Journal of Allied Health (2013)
- Large team-based scholarship project
- Developed skills for writing collaboratively
- Recognition of similarities between AT & ND professions
- Started to identify foundation of collaborative scholarship

POTENTIAL PATTERN

▲ From Buy-in to Integration: Melding an Interprofessional Initiative into Academic Programs in the Health Professions

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Elizabeth A. Gockel-Blessing, PhD, MLS(ASCP)CM¹

CITATION: Breitbach, A. P., Sargeant, D. M., Gettemeier, P. R., Ruebling, I., Carlson, J., Eliot, K., . . . Gockel-Blessing, E. A. (2013). From buy-in to integration: melding an interprofessional initiative into academic programs in the health professions. *Journal of Allied Health*, 42(3), e67-73.



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Individual Projects

- Tony
 - BOC Exam Study
 - Attitudes & Perceptions Survey
 - IPE 350 Qualitative Study
 - JIC article and commentary regarding AT and IPE
 - AT/Dentist Collaboration Article
 - Using Sport to Study Interprofessional Collaboration
 - Scoping Review
 - World Café at All Together Better Health – Oxford (2016)
- Katie
 - IPE 4200 Article
 - IPE/IPP in Nutrition Position Paper
 - Stress and Burnout: Strengthening IP Ties
 - National Academy of Medicine discussion papers
 - IOM Competencies in Dietetics Education



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Continuing the Journey

- 2014 NATA Annual Meeting – Indianapolis, IN

- Interprofessional Grand Rounds



Institutional Readiness for IPE Project

- Repeated a 2012 survey of AT Program Directors to include both ND and AT Program
- The study sample consisted of 162 out of 380 possible AT program directors (42.6% response rate) and 167 out of 526 possible ND program directors (31.7% response rate).
- Research Team
 - Breitbach & Eliot
 - Dr. Mardell Wilson
 - Maria Chushak
 - Dr. Micki Cuppett (AT only)



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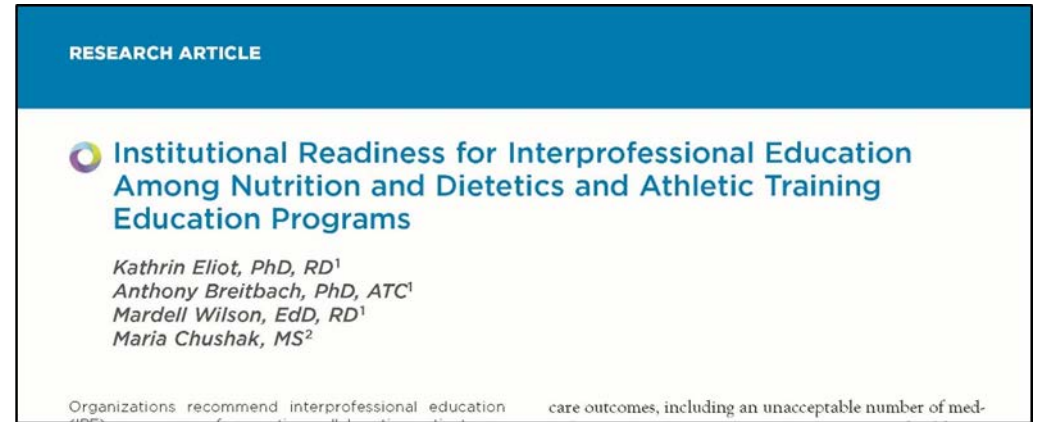


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Journal of Allied Health

- Included both AT & ND 2015 data
- Differences emerged between ND and AT for several items in the instrument.
- Factors that affected the differences included program level and academic unit in which the program resides.
- Results also suggest that ND and AT programs have similar levels of IPE participation, but there are great opportunities for growth.
- Institutional factors such resource commitment, academic unit type, and level of program may affect implementation and contribute to the development and success of IPE initiatives.



CITATION: Eliot, K., Breitbach, A., Wilson, M., & Chushak, M. (2017). Institutional Readiness for Interprofessional Education Among Nutrition and Dietetics and Athletic Training Education Programs. *Journal of Allied Health*, 46(2), 94-103.



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Topics in Clinical Nutrition

- Included only ND 2015 data
- Of the 526 recipients of the survey, 167 (31.7%) program directors participated in the study.
- Results showed that ND programs are incorporating IPE on a minimal basis and many institutional factors affect IPE participation, including academic unit and program accreditation type.

Top Clin Nutr
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— MOVING FORWARD: DIETETICS EDUCATION —

Incorporation of Interprofessional Education in Nutrition and Dietetics Education Programs

*Katbrin A. Eliot, PhD, RD; Mardell Wilson, EdD, RD;
Anthony P. Breitbach, PhD, ATC;
Maria Chushak-Polevska, MS*

CITATION: Eliot, K. A., Wilson, M., Breitbach, A. P., & Chushak-Polevska, M. (2017). Incorporation of Interprofessional Education in Nutrition and Dietetics Education Programs. *Topics in Clinical Nutrition*, 32(3), 184-192.
doi:10.1097/TIN.000000000000106



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Athletic Training Education Journal

- Compared 2012 and 2015 AT data
- The participants involved included 160 of 367 surveyed (43.6%) in 2012 and 162 of 380 surveyed (42.6%) in 2015.
- Data indicated a relationship between accreditation level and academic unit housing AT program in both studies.
- Change was also shown in program participation in IPE from 2012 to 2015.
- However, institutional readiness and infrastructure for IPE was low in nearly all categories.

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SURVEY

The Progress and Promise of Interprofessional Education in Athletic Training Programs

Anthony P. Breitbach, PhD, LAT, ATC*; Kathrin Eliot, PhD, RD*; Micki Cuppett, EdD†; Mardell Wilson, EdD, RD*; Maria Chushak, MS*

*Saint Louis University, MO; †Commission on Accreditation of Athletic Training Education, Round Rock, TX

CITATION: Breitbach, A. P., Eliot, K., Cuppett, M., Wilson, M., & Chushak, M. (2018). The Progress and Promise of Interprofessional Education in Athletic Training Programs. Athletic Training Education Journal, 13(1), 57-66.
doi:10.4085/130157



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IPE 1100 Course Project

- Serve as course coordinators for IPE 1100 – Introduction to Interprofessional Health Care
- Started as course coordinators in Fall 2015 and revised course.
- Developed and administered new instrument, Self-Assessed Collaboration Skills (SACS), survey in course.
- Research Team
 - Breitbach & Eliot
 - Dr. Leslie Hinyard
 - Eileen Toomey



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Evaluation and the Health Professions

- Describes the development and initial validation of the Self-Assessed Collaboration Skills (SACS) instrument.
- The SACS instrument was piloted in a sample of students in IPE 1100.
- After revision, the SACS was piloted a again in a sample of students in an IPE health systems course and then validated in a sample of students in IPE 1100.
- Final SACS is 11-item scale with 3 dimensions of collaboration: information sharing, learning, and team support.
- SACS instrument demonstrates high internal consistency and both convergent and discriminant validity as a measure of collaboration.

Original Manuscript

Evaluation & the Health Professions
1-23
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DOI: 10.1177/0163278717752438
journals.sagepub.com/home/ehp


Student Perceptions of Collaboration Skills in an Interprofessional Context: Development and Initial Validation of the Self-Assessed Collaboration Skills Instrument

Leslie Hinyard^{1,2}, Eileen Toomey^{1,3},
Kathrin Eliot⁴ and Anthony Breitbach⁵

CITATION: Hinyard, L., Toomey E, Breitbach AP, Eliot KA,. (2018). Student Perceptions of Collaboration Skills in an Interprofessional Context: Development and Initial Validation of the Self-Assessed Collaboration Skills Instrument. *Evaluation and the Health Professions*, 0163278717752438. doi:10.1177/0163278717752438



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Health and Interprofessional Practice

- Goal of study was to examine the effectiveness of an introductory IPE course in improving students' collaboration skills.
- Undergraduate health professions students completed the SACS before and after completing an introductory IPE course.
- Results of paired samples t-tests suggest significant improvements in students' self-assessed collaboration skills and on the learning, information sharing, and team support dimensions.

ISSN 2159-1253

H&IP

The Effectiveness of an Introductory Interprofessional Course in Building Readiness for Collaboration in the Health Professions

Kathrin A. Eliot PhD, RDN *Nutrition and Dietetics, Saint Louis University*

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Eileen Toomey MS *Center for Interprofessional Education and Research, Saint Louis University*

Leslie Hinyard PhD, MSW *Saint Louis University Center for Health Outcomes Research, Saint Louis University*

CITATION: Eliot KA, Breitbach A.P., Hinyard L., Toomey E.,. The Effectiveness of an Introductory Interprofessional Course in Building Readiness for Collaboration in the Health Professions. *Health and Interprofessional Practice*. 2018;3(3).



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HEALTH CARE FOR LIFE & SPORT

Role of Mentoring

- SLU Interprofessional Education
 - Irma Ruebling, PT, MA
 - David Pole, PhD, MPH
- Mark Reinking PhD, PT, ATC
- Tricia Austin PhD, PT, ATC
- Randy Richter PT, PhD

- Scott Reeves PhD



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HEALTH CARE FOR LIFE & SPORT

Guiding Principles

Be truly
collaborative

- Loyalty
- Humility
- Generosity
- Resilience

Shared
scholarship

- Establish roles for each project
- Establish timeline for project outcomes
- Determine maximum impact of outcomes



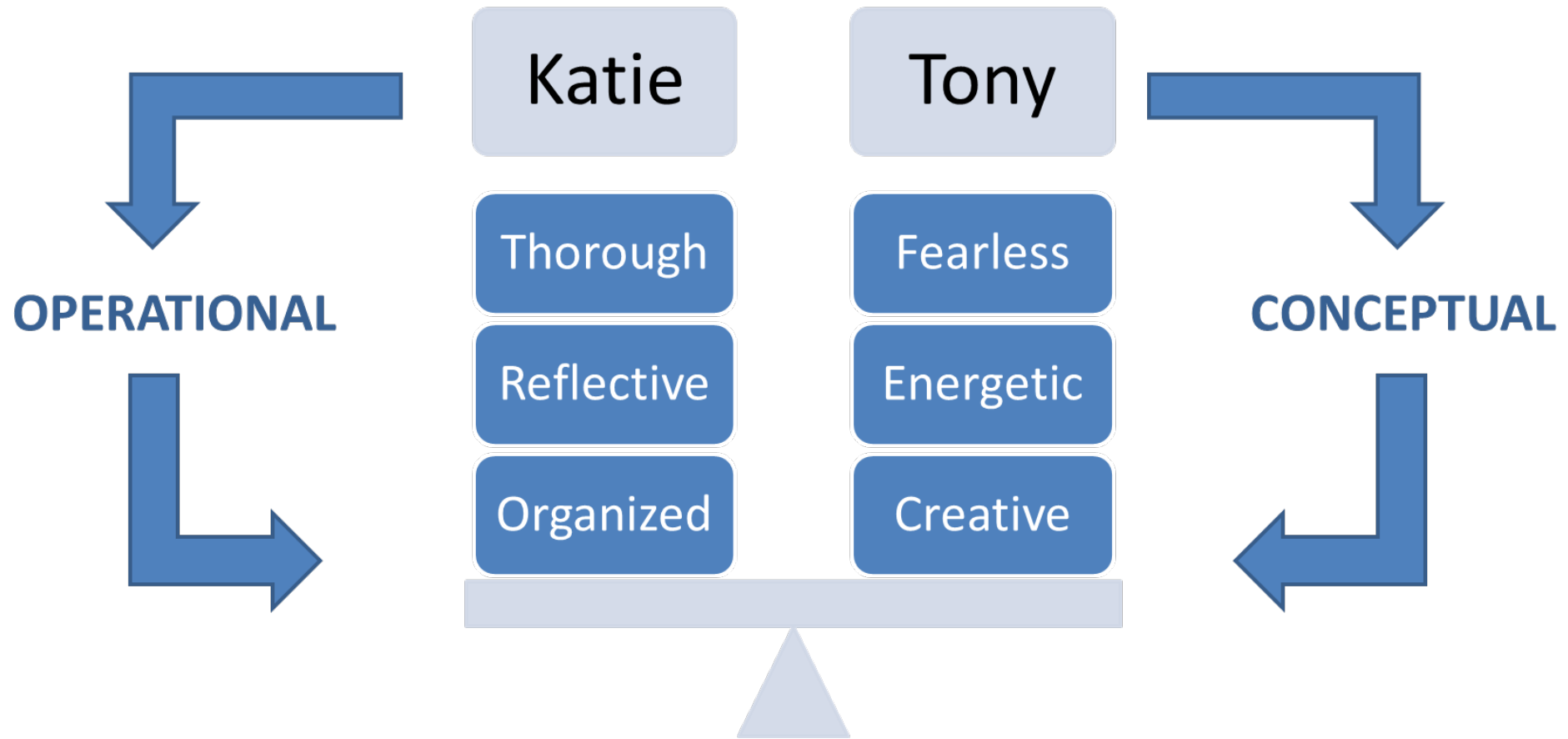
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Complimentary Skill Sets



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How we make it work

Get
Organized!

Develop timetable

Have tough conversations early

Prioritize and delineate tasks

Be
Accountable!

Communicate consistently

Ensure quality and rigor

Meet timetable deadlines

Scholarship Dissemination Plan

PRESENTATIONS

Conference	Location	Conference Date	Oral/Poster	Submission Date	First Author
FNCE	Nashville, TN	October 2015	Poster	February 2015	Eliot
ASAHP	Scottsdale, AZ	October 2015	Oral	May 2015	Eliot
NATA	Baltimore, MD	June 2016	Oral	November 2016	Breitbach

MANUSCRIPTS

#	Topic	Journal	Submission Date	First Author
A	Report data, compare AT/ND	JAH, JIC	Summer 2015	Eliot
B	Report AT data, compare to previous study	ATEJ	Fall 2015	Breitbach
C	Report ND data, make recommendations	JNEB	Fall 2015	Eliot

MANUSCRIPT A & C

Author	Abstract	Introduction	Background	Method	Results	Discussion	Conclusion
Eliot	Write	Write	Write	Review	Review	Write	Write
Breitbach	Review	Review	Write	Review	Review	Write	Review
Chushak	Review	Review	Review	Write	Write	Review	Review
Wilson	Review	Review	Review	Review	Review	Write	Review

MANUSCRIPT B

Author	Abstract	Introduction	Background	Method	Results	Discussion	Conclusion
Eliot	Review	Review	Write	Review	Review	Write	Review
Breitbach	Write	Write	Write	Review	Review	Write	Write
Chushak	Review	Review	Review	Write	Write	Review	Review
Wilson	Review	Review	Review	Review	Review	Write	Review



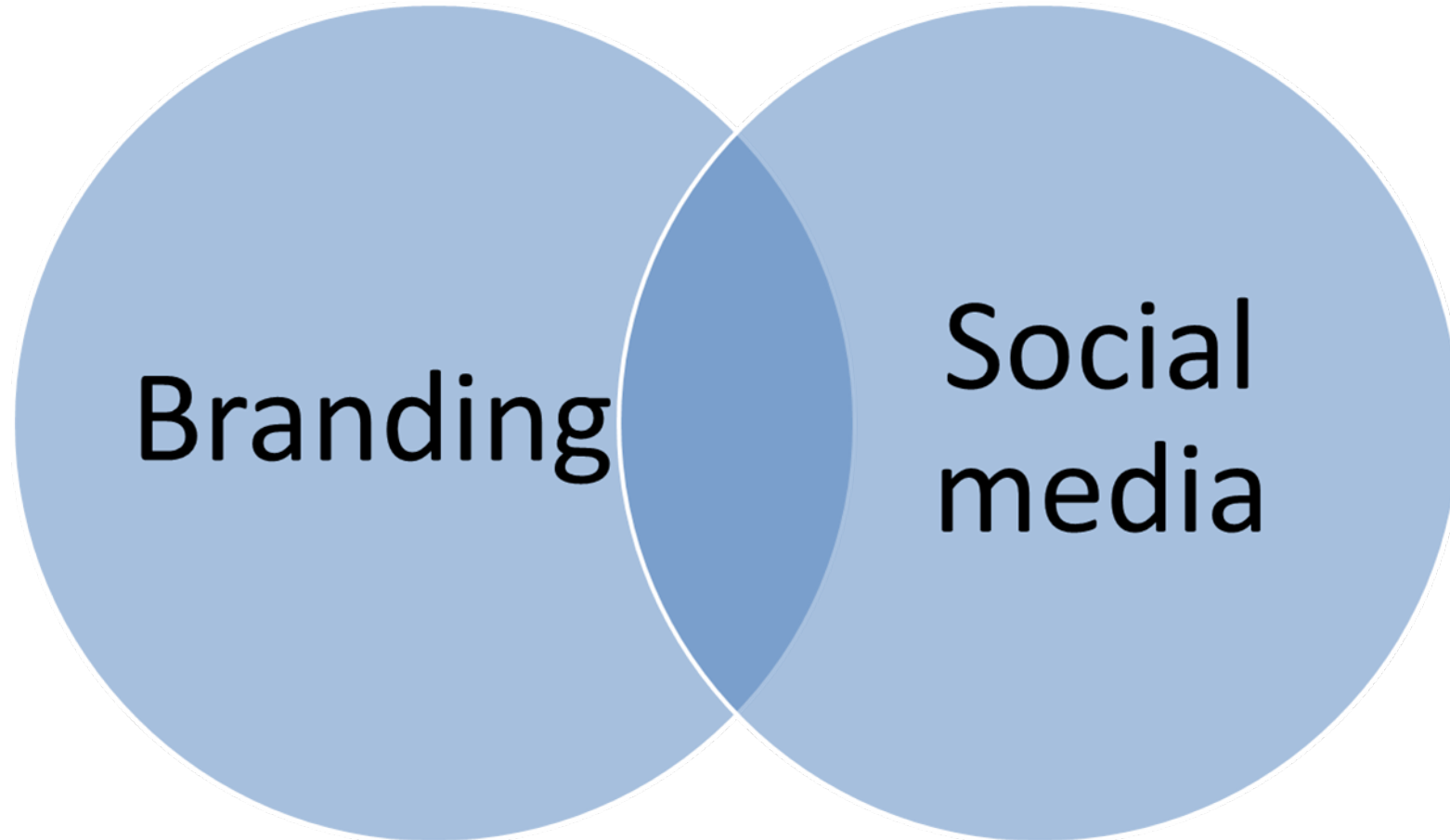
Inviting Others

Within your own department or institution

Outside your department or institution

Be creative – go beyond your typical colleagues

Other helpful tips



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Questions?

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