You cannot solve a problem until you confront it

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LARGE BODY OF RESEARCH ON MENTORING

Over 3000 publications since 2000

 Including more than 1000 empirical research publications

Ying et al. (2011)

Research Conclusion

MENTORING IS BENEFICIAL



Beneficial

Soft measures (self reported satisfaction)
Hard measures (persistence, advancement;
salary)

Gardiner, Tiggemann, Kearns & Marshall (2007) Allen et al (2004) – meta-analysis

BUT – correlational data and Variable C

Green & Bauer (1995) study of graduate students

Blau et al (2010) only experiment

PAIRED COMPARISON STUDY

- NAG's HEART
- residential conferences

- Structured intervention
- MENTORING CIRCLES

PAIRED COMPARISON STUDY



Nag's Heart model

- STATUS ATTENUATING among participants'
 - Dilemma
 - All equal time
 - Faciliator's role
- NORMALIZING PROBLEMS
- GROUPS PROBLEM SOLVING

NAG'S HEART MODEL



elements

• 8 – 14 participants

Theme

Dilemmas

Facilitated MENTORING CIRCLE

elements

Everyone is present for all parts

Work sessions (e.g, with 12 participants, 4 work sessions)

Breakout time

Strong and explicit rules: no white lies

In beautiful settings



INFLUENCE (AND MEASURE) OUTCOMES

EFFICACY
BELONGINGNESS
PERSISTENCE AND ACHIEVEMENT

Chemers et al. (2011), Hill et al. (2010), McNeely & Vlaicu (2010), Rosser (2004), Thomas (1993), Trower & Chait (2002)

EFFICACY, BELONGINGNESS, PERSISTENCE



Format of work sessions

Each work session,

• 2 hours

- 3 participants
- And bucket time

Measure Outcomes

- Sense of Efficacy
- Sense of Belonging
- Persistence

LOTS OF BREAK-OUT time for bonding









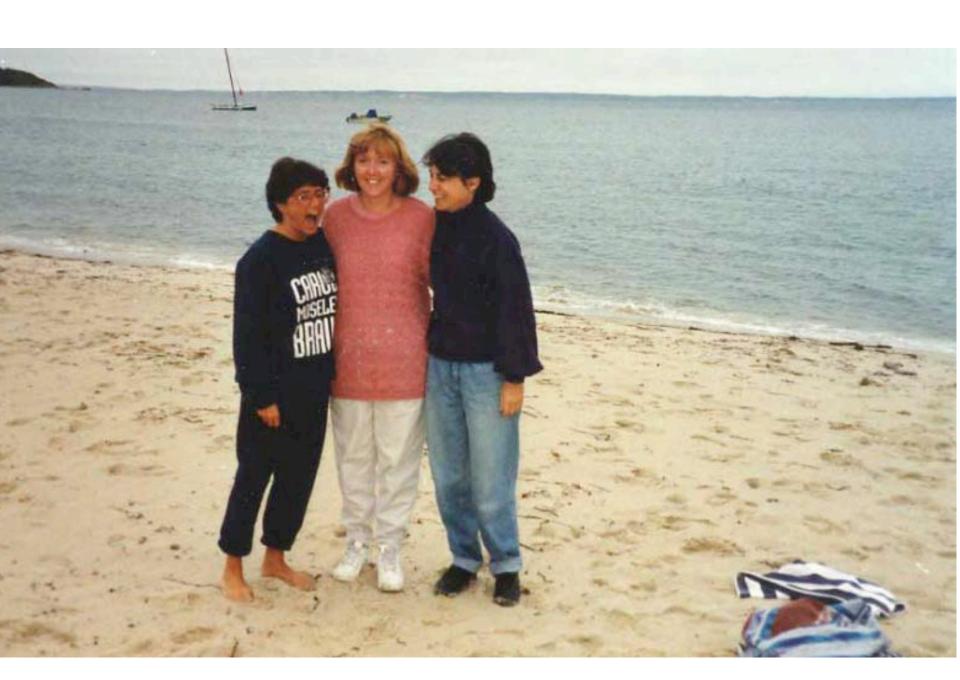


Anecdotal Evidence of Success

Stacy Blake-Beard
Margaret (Peg) Stockdale and colleagues

- SIU
- IUPUI





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