

Objectives

- OHP Background & History
- Overview of the field
- Why is this so important?
- Suggestions for getting involved
- Suggested readings

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What is OHP?

- Occupational Health Psychology
- Multi-disciplinary research and practice focused on improving working lives of individuals, families, communities, and work organizations
- Within psychology, these goals can be addressed by combining clinical, industrial-organizational (I-O), and health psychological principles to these challenges (Quick, 1999; Schneider et al., 1999)

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Introducing OHP

- Applying psychological principles to manage stress and health within work organizations
- Multi-disciplinary research and practice
- Extension of WHO model:

Wellness > absence of symptoms

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Why OHP is Relevant to You

- Creating and maintaining healthy and safe work environments requires attention to multiple factors:
 - Physical/biological
 - Social
 - Psychological
- Interdisciplinary efforts should involve professionals with psychological training

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OHP Emphases

- Prevention*
 - of negative effects of workplace exposures
- Promotion*
 - of healthy personal and organizational actions and behaviors
- Response
 - to workplace exposures or crises when they occur, in a timely fashion

Challenge of OHP

- · Limited governmental involvement
 - Especially in the U.S.
- Health and well-being is a relatively new target for psychologists and other professionals in organizations
- Professional resources are growing though
- SOHP, NIOSH
- EA-OHP, I-WHO
- ICG-OHP

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Challenge of Occupational Health

- Difficult to enhance + maintain occ. health
- For lasting positive change, OHP professionals often work collaboratively with specialists in:

Industrial safety/hygiene

Public health

Ergonomics

Epidemiology

Labor organizations

Medicine

Law

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- Stressor exposure
 - Workload
 - Constraints
 - Work-nonwork role challenges
 - Incivility
- Psychosocial Resources
- Work-Related Strains
- Intervention options

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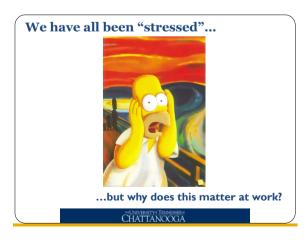


Common OHP-Related Issues

- Work Stress
- · Healthy workplaces
- · Work Safety
- Worker Incivility
- Work-family/nonwork issues
- Multi-level concerns
- Aging population
- Ethnic diversity
- Fast-paced and continuous work

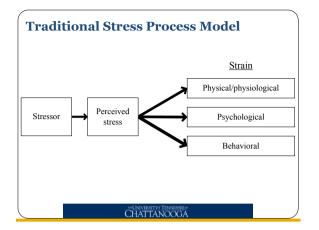


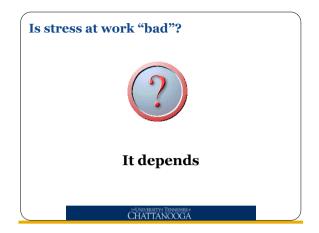
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So, what is stress?

- Psychologically and physiologically we seek a balanced resting state
 - Homeostasis
- Stressors are stimuli that disturb this state
- **Stress** is the experience of arousal in response to stressors and in preparation for a response
- **Strain** is what develops if the stress process continues without interruption





Stressors at Work

- Ambiguity, lack of resources, amount/speed/ quality demands, interpersonal conflicts...
- Especially problematic because:
 - Limited response options
 - Cumulative effects
 - Individual differences
 - Potentially "toxic" environments



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Physiological Reactions to Stress

- · Increased heart rate and blood pressure
- Increased metabolic rate
- Increased breathing rate
- Dilation of pupils
- Tensing of muscles
- Secretion of endorphins and stress hormones
- Release of extra sugar from the liver

Body goes into "overdrive"

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Psychological Reactions to Stress

- Anxiety
- Anger and aggression
- · Apathy and depression
- Cognitive impairment
 - Narrowing of attention, focus

Mind steps out for awhile



"Bad" (threatening) stress can...

- ...impair cognitive functioning
- ...lead to cardiovascular health problems
- ...damage immune and nervous systems
- ...contribute to other physical/psychological strains
 - Musculoskeletal disorders (MSDs)
 - Depression, anxiety, frustration
- ...reduce worker effectiveness



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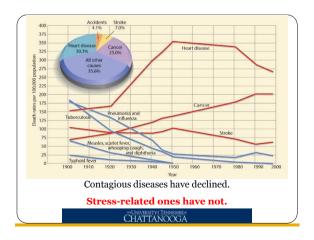
Stress at work may be good if it...

- ...motivates (challenges)
- …forces necessary adaptation
- ...is not a permanent environmental feature
- ...is handled appropriately by the worker and the organization



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Workplace Issues 25-40% of workers regularly report their jobs as very or extremely stressful *Chronic is "bad" in this case*Worker well-being and performance are interdependent *Financially & psychologically healthy workplaces require both*

- Basic personal needs at work matter
 - Turnover, commitment, morale, satisfaction

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Tangible Costs of Chronic Work Stress

- Increased occupational disability
- Longer absences
 - > all other work-related injuries + illnesses
 - Average stress-related absence is 20 days
- Health care costs
 - 50+% greater for high- vs. low-risk (i.e., stressed) employees

Employer, employee*, *and* society carry a major burden

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How to Help

- Help employees do what they naturally do well:
 - Reduce impediments/constraints
 - Creatively reinforce to maximize positive emotions, attitudes, and behaviors at work
 - Support employee efforts to manage work and nonwork stress

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Stress Management Interventions

- Three levels:
 - *Primary (alter source of stress)
 - *Secondary (reduce severity of stress symptoms)
 - Tertiary (treat effects of stress)
- Focus tends to be on improving workers' ability to manage stress
- Few interventions actually target organization-level change

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Stress Management Interventions

- · Increasingly prevalent in organizations
- Tend to focus on modifying stressors or employee perceptions/responses to stressors
- Wide variety, and most seem to work
 - Most effective = Cognitive-behavioral
 Still room for improvement in effectiveness
 - Other popular forms:
 - Relaxation enhancement
 - Meditation

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Where Should I Start?

- OHP research and practice opportunities are largely built on goals of NIOSH
- Start with guidance from NIOSH: the National Occupational Research Agenda (NORA)
 - You can find the newest form of this through NIOSH's main website

http://www.cdc/gov/niosh

- Cunningham (2007), *Getting involved with OHP: A student's perspective.* Online at,
 - http://www.psychologicalscience.org/observer/



Where Should I Start?

- Most OHP challenges require collaborative efforts with professionals in other related fields such as: epidemiology, public health, ergonomics, and industrial hygiene
- Apply for a small grant to support your OHPrelated research in a field setting.
 - Organizations will be more likely to partner when you have money
 - Experience with grants can really set you on the path to greatness in research

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Where Should I Start?

- If you have applied-OHP interests you need to be more creative, though the market is improving
- Consider also how you could have an impact on policy
 - Learn about government and committee structures, processes, and politics
 - Study local, state, and federal regulations related to OHP issues, including new developments
- Develop a strong background in systems and integrative thinking, research methodology, and statistical analyses and interpretation

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Concrete Start-up Suggestions

- How can your interests in psychology be applied to or informed by ongoing OHP research and practice?
- Push yourself to work with others with different backgrounds/ skill sets. Work through any tension that may result in these relationships → this will help you in future collaborations.
- · Educate yourself in OHP-related disciplines
 - Take courses outside your specialty area, do research with non-psychologists, read broadly
- Know thyself → Understand your psychology-related strengths and where your knowledge and expertise is weaker.
 - Will help you identify when collaboration will be helpful

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Where can I go for more info?

http://www.cdc.gov/niosh/ http://www.cdc.gov/niosh/topics/stress/ohp/ohp.html http://www.sohp-online.org







Society for Occupational Health Psychology

Welcome to the SOHP website!

SOHP HOME

What's New:

Welcome to the official vebutes of the Society for Occupational Health Psychology Bacome Alembership OHP Discussion List OHP Job Listingstreet SOHP Job Committees Leadership & Committees

October 27, 2008. It's membership reneval time... Membership reneval forms for 2009 are now available. Be user to renev in a timely way to you don't mix any insues of 2014PI New for this year. SOHP mumbers no movi join the European Academy of Occupional Hashib posthology at a discounted rate - and EA-OHP members can join SOHP at a discounted rate. See the <u>Membership</u> and <u>Membership</u> Renearing parts from eva formation.

- October 8, 2008: <u>Volume 4 of the SOHP Newsletter</u> is now available.
- May 23, 2008: <u>Volume 3 of the SOHP Newsletter</u> is now available. The newsletter includes highlights of the 2008 Work, Stress and Health conference, and many other features.

 April 22, 2008 CALL FOR PAPERS – EXTENSION 2008 conference of the European Academy of Occupational Health Psychology Valencia, Spain, 12-14 November: In response to request from some deletagets for the opportantly to present to the conference is Spainil, the Organizing Committee is delighted to ansource that a Spanial-language arbity stream will take place on Friday 14th November: To redet this invosion, the default for should not be obtained and the place on the obtained of the stream and been extended to a 15 May 2008. Abstract submission forms in both language activity stream has been extended to a 15 May 2008. Abstract submission forms in both languages can be downloaded from <u>system.et.edu</u>, org.conferences.

 March 21, 2008: New officers for SOHP were announced at the SOHP Business Meeting during the recent Work, Stress & Helmh 2008 conference. Officers for 2008-2009 are... Prendert: Robert Stacka, Perindh Suber Lühernity Prendert: Elser: Janet Bannes-Farrell, Calvernity of Connecticut Paul Preidert Chen, Colonola Statu Lühernity

Suggested Readings

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Questions/Comments?

• If you think of any questions or have any comments, please contact me:

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