Career Survival in Academia

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Resources:
Learn to Lead a Lab
   * At The Helm: A Laboratory Navigator, by Kathy Barker
Learn how to Negotiate
   * Women Don't Ask, by Linda Babcock and Sara Laschever
   * Getting to YES: Negotiating Agreement Without Giving In, Fisher et al., 1991
Learn how to write clearly
   * The Science of Science Writing, Gopen and Swan, American Scientist 78: 550-558
Learn how to design effective posters
   * http://www.bio.miami.edu/ktosney/file/PosterHome.html
   * http://www.ncsu.edu/project/posters/NewSite/
Learn about promotion and tenure evaluations both at your institution and in general
   * http://www.adept.gatech.edu/
Learn about leadership, mentoring, recruitment, reading, NSF ADVANCE awardee sites
   * http://sitemaker.umich.edu/advance/resources

Individual activities:
Develop skills: negotiation, writing, speaking, posters, vitae construction, grantsmanship
Aim high: submit to best journal, think outside the box sometimes, write fewer but stronger papers
Become a valued member of your community: remember the purpose of meetings is to meet people
Develop networks, promote communication, seek multiple mentoring, seek help and help others
Increase your visibility: give seminars, interact with role models
Understand your system and how rules change at different stages of your career
At your institution, ask for Best Practices: practices that are transparent, uniform, accessible
Enjoy what you do: make time for play and for what matters, e.g., you and your family
Say NO: keep track of your commitments and prioritize, make science a priority daily
Plan and focus: make the doing of your research part of your daily plan, start writing a paper as soon as you start the research, arrange your postdoc before your write your thesis, look ahead!

Resources, with a focus on women and minorities
Learn the History
   * Why So Slow? The Advancement of Women, by Virginia Valian
   * Beyond Bias and Barriers, National Academies Report, Donna Shalala
Learn methods for changing your climate
   * Transforming Science and Engineering: Advancing Academic Women, by Danielle LaVaque-Manty, Abigail J. Stewart, and Janet Elizabeth Malley
Resources: leadership, mentoring, recruitment, reading, NSF ADVANCE awardee sites
   * http://sitemaker.umich.edu/advance/resources
Links to sites on Women and Minorities in Science and Engineering
   * http://people.mills.edu/spertus/Gender/wom_and_min.html
Wiseli: Women in Science & Engineering Leadership Institute, Univ. Wisconsin-Madison
   * http://wiseli.engr.wisc.edu/index.html