

Sources for Teaching

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1. See the following topics in

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/efficiency.html>

advice for new faculty members:

[Advice For New Faculty Members: Nihil Nimus](#)

[Advice for New Faculty: Everything in Moderation](#)

on preparing a new course:

[How to Prepare New Courses While Keeping Your Sanity](#)

on preparing for a class period:

[Class Preparation Time: How Much Is Enough?](#)

[How to plan a class period](#)

[What is the Most Difficult Step We Must Take to Become Great Teachers?](#)

2. See also the following sources listed in

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/toolkit.html>

keeping students engaged in large lecture classes

[Interactive Lecture](#)

[Just-in-Time Teaching.](#)

[Beating the Numbers Game: Effective Teaching in Large Classes](#)

other sources for keeping students engaged in large lecture classes:

How to Create Memorable Lectures

https://web.stanford.edu/dept/CTL/Newsletter/memorable_lectures.pdf

Big, But Not Bad

<http://www.chronicle.com/article/Big-but-Not-Bad/14670>

3. Building your teaching case for tenure:

methods for documenting teaching excellence

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/tenurecase.html>

4. Teaching undergrad science: what research tells us

<http://serc.carleton.edu/NAGTWorkshops/careerprep/teaching/learning.html>

“Advice for New Faculty Teaching Undergraduate Science” Sarah L. Keller and Andri L. Smith, *J Chem Ed* 83 (3) 401-406 (2006). DOI: 10.1021/ed083p401

<http://pubs.acs.org/toc/jceda8/83/3>

5. Motivating students to develop into intentional learners:

Karl Wirth and Dexter Perkins, *Learning to Learn*

<https://www.macalester.edu/academics/geology/wirth/learning.pdf>

Six Ways To Motivate Students To Learn:

<https://ww2.kqed.org/mindshift/2013/09/02/six-ways-motivate-students-to-learn/>

G. M. Sinatra: *From Passive to Active to Intentional: Changing Conceptions of the Learner* presented at the American educational Research Association annual Meeting, New Orleans, April 2000

<http://www.unco.edu/cebs/psychology/kevinpugh/6-8140/sinatra.html>

Woei Hung: Intrinsic and extrinsic intentional learning: The difference made by self-determination, *Australian J Educ* 58(1) 50-58 (2014). DOI: 10.1177/0004944113517832

<http://journals.sagepub.com/doi/pdf/10.1177/0004944113517832>

6. Book for new faculty:

“On Course: A Week-by-week Guide to Your First Semester of College Teaching” James M. Lang - Harvard University Press (2008) - Hardback - 336 pages - ISBN 0674028066

About this book: <https://www.insidehighered.com/news/2008/05/14/lang>