

TEACHING AND PEDAGOGY

SABER Scholars Library



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ARTICLES – Classroom and Laboratory Approaches



Archives of ARTICLES: **TEACHING Newsletter Archive**

Author: *The Chronicle of Higher Education*

Topic: Find insights to improve teaching and learning across your campus. Delivered on Thursdays.

LINK: <https://www.chronicle.com/newsletter/teaching>

TITLE: **Asynchronous Video: A Powerful Way to Teach, Present, and Communicate with Students.**

Author: Nisha Malhotra, PhD

Published: June 14, 2021

Topic: The characteristics of a video make it an excellent pedagogical tool. Here's why.

LINK: https://www.facultyfocus.com/articles/online-education/online-course-delivery-and-instruction/asynchronous-video-a-powerful-way-to-teach-present-and-communicate-with-students/?st=FFWeekly;sc=FFWeekly210614;utm_term=FFWeekly210614&utm_source=ActiveCampaign&utm_medium=email&utm_content=Asynchronous+Video%3A+A+Powerful+Way+to+Teach%2C+Present%2C+and+Communicate+with+Students&utm_campaign=FF210614

TITLE: **Introducing play to higher education reduces stress and forms deeper connection material.**

Author: Science Daily online. University of Colorado Denver

Published: June 14, 2021

Topic: Higher education students are more engaged and motivated when they are taught using playful pedagogy rather than the traditional lecture-based method. Play also resulted in reduced stress and anxiety.

LINK: <https://www.sciencedaily.com/releases/2021/06/210614185602.htm>

Journal Reference: Lisa Forbes. The Process of Playful Learning in Higher Education: A Phenomenological Study. *Journal of Teaching and Learning*, 2021; 15 (1): 57 DOI: 10.22329/jtl.v15i1.6515

TITLE: **Through the Students' Eyes: Insights into What's Most Important.**

Author: Lauren Bosworth McFadden, EdD

Published: June 11, 2021

Topic: Reading through my most recent course evaluations, students zeroed in on what was most important to them, beyond the content of the course itself. Five themes emerged as I read the qualitative comments.

LINK: https://www.facultyfocus.com/articles/teaching-and-learning/through-the-students-eyes-insights-into-whats-most-important/?st=FFWeekly;sc=FFWeekly210611;utm_term=FFWeekly210611&utm_source=ActiveCampaign&utm_medium=email&utm_content=A+Virtual+Conference+That+Captures+the+Spirit+of+the+Teaching+Professor+Conference&utm_campaign=FF210611

TITLE: **A Pandemic Silver Lining? More People Are Talking About Teaching.**

Author: Beckie Supiano

Published: June 2, 2021

Topic: We are now asking deeper questions: What, in the end, is this course meant to accomplish? Which pieces of it are really required to achieve that goal?

LINK: https://www.chronicle.com/article/a-pandemic-silver-lining-more-people-are-talking-about-teaching?cid=gen_sign_in

TITLE: **The Benefits of In-House Peer Tutoring** (Chemistry class)

Author: Nidhal Marashi, PhD

Published: March 12, 2021

Topic: Peer tutoring benefits the students being tutored, the students who are tutoring, and the college itself.

LINK: <https://www.facultyfocus.com/articles/teaching-and-learning/the-benefits-of-in-house-peer-tutoring/>

TITLE: **A Serious Look at Fun in College Classrooms**

Author: Sharon Lauricella and T. Keith Edmunds

Published: March 10, 2021

Topic: COVID has created a dearth of social experiences, but classes can be a venue for meeting new friends and making learning an enjoyable experience, write Sharon Lauricella and T. Keith Edmunds.

LINK: <https://www.insidehighered.com/advice/2021/03/10/importance-injecting-fun-and-humor-classes-opinion>

TITLE: **Ten Culturally Responsive Teaching Strategies for the Science Classroom**

Author: Larry Ferlazzo

Published: February 14, 2021

Topic: Teachers Autumn Kelly, Tara C. Dale, Mandi S. White, and Anthony Nesbit share their suggestions.

LINK: <https://www.edweek.org/teaching-learning/opinion-ten-culturally-responsive-teaching-strategies-for-the-science-classroom/2021/02>

TITLE: **7 Innovative Approaches to Course Design**

Author: Steven Mintz

Published: February 8, 2021

Topic: State-of-the-art approaches to course design that will enhance student engagement and learning.

LINK: https://www.insidehighered.com/blogs/higher-ed-gamma/7-innovative-approaches-course-design?utm_source=Inside+Higher+Ed&utm_campaign=fcdcb44579-DNU_2021_COPY_02&utm_medium=email&utm_term=0_1fcbc04421-fcdcb44579-197800013&mc_cid=fcdcb44579&mc_eid=dbdcee20ba

TITLE: **Re-envisioning (Online) Course Revision**

Author: Catherine R. Barber, Janet K. McCollum, and Wendy L. Maboudian

Published: February 8, 2021

Topic: An effective course revision plan includes both formative feedback, which is gathered during an online course to make changes to a course in progress, and summative feedback, which is gathered at the end of an online course to improve the course the next time it is taught.

LINK: https://www.facultyfocus.com/articles/online-education/online-assessment-grading-and-feedback/re-envisioning-online-course-revision/?st=FFWeekly%3Bsc%3DFFWeekly210208%3Butm_term%3DFFWeekly210208&utm_source=ActiveCampaign&utm_medium=email&utm_content=Re-envisioning+Online+Course+Revision&utm_campaign=FF210208

TITLE: **Why Flipped Classes Often Flop**

Author: Chandralekha Singh

Published: January 20, 2021

Topic: Chandralekha Singh shares some lessons she learned from students taking such courses during the pandemic. Many students have difficulty with self-regulation and keeping up with course materials without a grade incentive each week.

LINK: https://www.insidehighered.com/advice/2021/01/20/lessons-learned-during-pandemic-about-how-teach-flipped-classes-most-effectively?utm_source=Inside+Higher+Ed&utm_campaign=c70b2a943f-DNU_2021_COPY_02&utm_medium=email&utm_term=0_1fcbc04421-c70b2a943f-197800013&mc_cid=c70b2a943f&mc_eid=dbdcee20ba

TITLE: **Universally Designing in Universal Chaos**

Author: Lauren Tucker, EdD

Published: January 13, 2021

Topic: Keeping UDL at the forefront of my course design during the pandemic has provided much needed stability and consistency within my courses. I keep the following three guidelines in my course planning, and I have seen significant benefits within my courses.

LINK: https://www.facultyfocus.com/articles/online-education/online-course-design-and-preparation/universally-designing-in-universal-chaos/?st=FFdaily%3Bsc%3DFF210113%3Butm_term%3DFF210113&utm_source=ActiveCampaign&utm_medium=email&utm_content=Universally+Designing+in+Universal+Chaos&utm_campaign=FF210113

TITLE: **The Missing 4th R (Rigor)**

Author: Steven Mintz

Published: December 14, 2020

Topic: Rigor is conspicuously absent from the current discourse on educational innovation.

LINK: https://www.insidehighered.com/blogs/higher-ed-gamma/missing-4th-r?utm_source=Inside+Higher+Ed&utm_campaign=c510040c12-

[DNU 2020 COPY 02&utm_medium=email&utm_term=0_1fbc04421-c510040c12-197800013&mc_cid=c510040c12&mc_eid=dbdcee20ba](https://www.facultyfocus.com/articles/effective-teaching-strategies/part-four-of-practical-mid-career-teaching-reflections-guest-speakers-and-tutorials/?st=FFdaily%3Bsc%3DFF201207%3Butm_term%3DFF201207&utm_source=ActiveCampaign&utm_medium=email&utm_content=Part+Four+of+Practical+Mid-Career+Teaching+Reflections%3A+Guest+Speakers+and+Tutorials&utm_campaign=FF201207+%28Copy%29)

TITLE: Part Four of Practical Mid-Career Teaching Reflections: Guest Speakers and Tutorials

Author: Justin Robertson, PhD

Published: December 7, 2020

Topic: Hosting a guest speaker virtually or in the classroom is potentially a highlight of the semester, but more often than not it is a letdown. Tutorials present a unique, small class environment in which to introduce a variety of exercises.

LINK: https://www.facultyfocus.com/articles/effective-teaching-strategies/part-four-of-practical-mid-career-teaching-reflections-guest-speakers-and-tutorials/?st=FFdaily%3Bsc%3DFF201207%3Butm_term%3DFF201207&utm_source=ActiveCampaign&utm_medium=email&utm_content=Part+Four+of+Practical+Mid-Career+Teaching+Reflections%3A+Guest+Speakers+and+Tutorials&utm_campaign=FF201207+%28Copy%29

TITLE: Part Three of Practical Mid-Career Teaching Reflections: Assignments

Author: Justin Robertson, PhD

Published: November 30, 2020

Topic: Practically oriented suggestions on “how it works.”

LINK: https://www.facultyfocus.com/articles/educational-assessment/part-three-of-practical-mid-career-teaching-reflections-assignments/?st=FFdaily%3Bsc%3DFF201130%3Butm_term%3DFF201130&utm_source=ActiveCampaign&utm_medium=email&utm_content=Part+Three+of+Practical+Mid-Career+Teaching+Reflections%3A+Assignments&utm_campaign=FF201130

TITLE: Three qualities of great teachers

Author: Mary Cooney

Published: November 23, 2020

Topic: Have you ever stopped to think what made your great teachers great?

LINK: <https://mercatornet.com/three-qualities-of-great-teachers/68320/>

TITLE: Distracted Minds: The Role of Tempo in Good Teaching

Author: James M. Lang

Published: November 16, 2020

Topic: To help students stay attentive in class, think like a conductor, and recognize that students need you to change the pace and the action.

LINK: <https://www.chronicle.com/article/distracted-minds-the-role-of-tempo-in-good-teaching>

TITLE: Distracted Minds: 3 Ways to Get Their Attention in Class

Author: James M. Lang

Published: October 19, 2020

Topic: Want the attention of your students? The first and most important step is to pay closer attention to them.

LINK: <https://www.chronicle.com/article/distracted-minds-3-ways-to-get-their-attention-in-class>

TITLE: The Straight Scoop Syllabus (Course Design)

Author: Miriam Bowers-Abbott

Published: October 16, 2020

Topic: When fielding student questions about matters that are already addressed in the syllabus, faculty grow understandably weary, frustrated...vexed.

LINK: https://www.facultyfocus.com/articles/course-design-ideas/the-straight-scoop-syllabus/?st=FFWeekly;sc=FFWeekly201016;utm_term=FFWeekly201016&utm_source=ActiveCampaign&utm_medium=email&utm_content=A+Leadership+Opportunity+for+Your+Students%3A+The+National+Conference+on+Student+Leadership+Virtual+Conference&utm_campaign=FF201016&vgo_ee=oH4O2J%2B33lw5jnvH%2BJ%2BNZFjolV2EWWoStsTlweqWXjk%3D

TITLE: **Virtual Learning Should and Can Be Hands-On**

Author: Alexis R. Abramson

Published: October 7, 2020

Topic: Alexis R. Abramson, an engineering dean, provides advice on how to replicate the experiential learning of labs, group projects and field research in virtual and hybrid classes.

LINK: https://www.insidehighered.com/advice/2020/10/07/tips-how-replicate-experiential-learning-labs-and-field-research-virtual-classes?utm_source=Inside+Higher+Ed&utm_campaign=275597c9a5-DNU_2020_COPY_02&utm_medium=email&utm_term=0_1fcbc04421-275597c9a5-197800013&mc_cid=275597c9a5&mc_eid=dbdcee20ba

TITLE: **Cinderella Deadlines: Reconsidering Timelines for Student Work**

Author: Susan Spangler PhD

Published: September 28, 2020

Topic: All instructors should review their course goals and core values to determine which deadlines best suit their own needs and the needs of their students.

LINK: https://www.facultyfocus.com/articles/course-design-ideas/cinderella-deadlines-reconsidering-timelines-for-student-work/?st=FFWeekly;sc=FFWeekly201002;utm_term=FFWeekly201002&utm_source=ActiveCampaign&utm_medium=email&utm_content=How+Can+You+Create+Questions+that+Stimulate+Engaging+Conversations+in+Online+Discussion+Boards%3F&utm_campaign=FF201002&vgo_ee=oH4O2J%2B33lw5jnvH%2BJ%2BNZFjolV2EWWoStsTlweqWXjk%3D

TITLE: **Distracted Minds: Why Your Students Can't Focus**

Author: James M. Lang

Published: September 14, 2020

Topic: Not only have we always been distracted; we have always been unhappy about it. Here's Part 1 of a new series on distraction in the college classroom, and what to do about it.

LINK: <https://www.chronicle.com/article/distracted-minds-why-your-students-cant-focus>

TITLE: **Active Learning Narrows Achievement Gaps for Underrepresented Students in Undergraduate Science, Technology, Engineering, and Math**

Author: Elli J. Theobald, Mariah J. Hill, Elisa Tran, Sweta Agrawal, E. Nicole Arroyo, et. al.

Published: March 24, 2020

Topic: Active learning benefits all students but offers disproportionate benefits for individuals from underrepresented groups.

LINK: <https://www.pnas.org/content/117/12/6476>

TITLE: **Stop Giving Them Answers: Make Them Think! Deep Learning.**

Author: David Adams, PhD, and Enoch Hale, PhD

Published: August 26, 2020

Topic: Vygotsky stated in order for an individual to go through the process of deep learning, they must first recognize the information presented, have multiple opportunities to apply the information, and be intellectually engaged in the learning task.

LINK: https://www.facultyfocus.com/articles/effective-teaching-strategies/stop-giving-them-answers-make-them-think/?st=FFWeekly;sc=FFWeekly200828;utm_term=FFWeekly200828&utm_source=ActiveCampaign&utm_medium=email&utm_content=Overcoming+STEM+Challenges+When+Designing+Curriculum+and+Online+Delivery&utm_campaign=FF200828

TITLE: **As Syllabus Writing-Time Approaches...**

Author: Matt Reed

Published: August 12, 2020

Topic: Whatever the rule is, write it down. If you plan to enforce a rule, write it down. It's much harder to defend an unwritten policy.

LINK: https://www.insidehighered.com/blogs/confessions-community-college-dean/syllabus-writing-time-approaches?utm_source=Inside+Higher+Ed&utm_campaign=511abf95cb-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-511abf95cb-197800013&mc_cid=511abf95cb&mc_eid=dbdcee20ba

TITLE: **Rethinking Effective Student Learning Experiences.**

Author: Patrick T. Terenzini. Inside Higher Education, Career Advice, Teaching And Learning, and Teaching Today.

Published: July 29, 2020

Topic: Patrick T. Terenzini describes six characteristics that, based on decades of research, have been found to cultivate and promote student learning.

LINK: https://www.insidehighered.com/advice/2020/07/29/six-characteristics-promote-student-learning-opinion?utm_source=Inside+Higher+Ed&utm_campaign=4b92ecb55f-DNU_2020_COPY_02&utm_medium=email&utm_term=0_1fcbc04421-4b92ecb55f-197800013&mc_cid=4b92ecb55f&mc_eid=dbdcee20ba

TITLE: **Getting Your Students to Engage with Course Readings.**

Author: Fiona Hunt, MLIS. Faculty Focus, In Course Design, Effective Teaching Strategies.

Published: July 24, 2020

Topic: Activities guaranteed to motivate your students to do the required readings and think critically about them.

LINK: https://www.facultyfocus.com/articles/course-design-ideas/getting-your-students-to-engage-with-course-readings/?st=FFWeekly;sc=FFWeekly200724;utm_term=FFWeekly200724&utm_source=ActiveCampaign&utm_medium=email&utm_content=Maximizing+Student+Engagement+with+Course+Readings&utm_campaign=FF200724

TITLE: **The Difficulties of Teaching a "Hybrid" Class**

Author: Josh Blackman

Published: June 17, 2020

Topic: The hardest type of virtual learning: with some students in class, and some students remote.

LINK: <https://reason.com/2020/06/17/the-difficulties-of-teaching-a-hybrid-class/>

TITLE: **Make Videos That Click With Prospective Students**

Author: Jonathan Shearer. Blog: Call to Action: Marketing and Communications in Higher Education

Published: March 5, 2020 - 12:00pm

Topic: Here are three strategies for producing videos that pass the test, and tips on how to maximize their reach on YouTube.

LINK: <https://www.insidehighered.com/print/blogs/call-action-marketing-and-communications-higher-education/make-videos-click-prospective>

TITLE: **5 Principles as Pathways to Inclusive Teaching**

Author: Soulaymane Kachani, Catherine Ross and Amanda Irvin

Published: February 19, 2020

Topic: Kachani, Ross and Irvin offer concrete strategies that are guided by research to use in the classroom.

LINK: https://www.insidehighered.com/advice/2020/02/19/practical-steps-toward-more-inclusive-teaching-opinion?utm_source=Inside+Higher+Ed&utm_campaign=a6afec840c-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-a6afec840c-197800013&mc_cid=a6afec840c&mc_eid=dbdcee20ba

TITLE: **Elementary Lessons for College Teaching: College teaching tips from the K-12 classroom.**

Author: Jordan McNeill

Published: November 21, 2019

Topic: Having taught both elementary schoolers and college students, I've decided that there's a lot that we as higher education instructors can learn from our elementary school counterparts.

LINK: https://www.insidehighered.com/blogs/gradhacker/elementary-lessons-college-teaching?utm_source=Inside+Higher+Ed&utm_campaign=6822083e00-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-6822083e00-197800013&mc_cid=6822083e00&mc_eid=dbdcee20ba

TITLE: **Want to Reach All of Your Students? Here's How to Make Your Teaching More Inclusive**

Author: Viji Sathy and Kelly A. Hogan

Published: July 22, 2019

Topic: Teaching inclusively means embracing student diversity in all forms — race, ethnicity, gender, disability, socioeconomic background, ideology, even personality traits like introversion — as an asset.

LINK: https://www.chronicle.com/interactives/20190719_inclusive_teaching?utm_source=at&utm_medium=en&cid=at

TITLE: **A Tool Kit for Teaching About Research**

Author: Junior Prof

Published: April 17, 2019

Topic: Junior Prof provides some classroom tips for engaging your students in research.

LINK: http://www.insidehighered.com/advice/2019/04/17/tips-engaging-students-your-classes-research-opinion?utm_source=Inside+Higher+Ed&utm_campaign=11b81a6851-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-11b81a6851-197800013&mc_cid=11b81a6851&mc_eid=dbdcee20ba

TITLE: **Prepping a Course I've Never Taught Before**

Author: Junior Prof

Published: March 26, 2019

Topic: How do you prepare to teach such a class, a junior professor asks -- especially if you'd never have suggested offering it in the first place?

LINK: http://www.insidehighered.com/advice/2019/03/26/how-teach-course-youve-never-had-teach-opinion?utm_source=Inside+Higher+Ed&utm_campaign=a60111e918-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-a60111e918-197800013&mc_cid=a60111e918&mc_eid=dbdcee20ba

TITLE: **“High Impact Teaching”: Is It Ever OK to [Just] Lecture?**

Author: David Gooblar

Published: January 15, 2019

Topic: I know I'm supposed to make them work to learn things themselves, but is it OK to tell them anything? What if I know stuff that they want to know?

LINK: https://www.chronicle.com/article/Is-It-Ever-OK-to/245458?cid=wb&utm_source=wb&utm_medium=en&elqTrackId=c87cdf07308d48fb9914bab657a24997&elq=9137a5e000134c5d91db021b9a9fda3d&elqaid=22067&elqat=1&elqCampaignId=10810

TITLE: **How to Avoid Overprepping for Your Classes**

Author: Christine Tulley

Published: January 15, 2019

Topic: Too many faculty members prepare too much for the classes they teach, writes Christine Tulley, who proposes a solution: pattern teaching.

LINK: http://www.insidehighered.com/advice/2019/01/15/how-save-yourself-overpreparing-your-classes-opinion?utm_source=Inside+Higher+Ed&utm_campaign=25644dfd39-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-25644dfd39-197800013&mc_cid=25644dfd39&mc_eid=dbdcee20ba

TITLE: **How To Create a Syllabus: Advice Guide**

Authors: Kevin Gannon

Published: September 12, 2018

Topic: Even if you don't need to write or revise a course syllabus, though, there's never a bad time to re-examine and rethink your syllabi. As much as we exhort our students to read the syllabus, we ought to make sure we're giving them something that's actually worth reading.

LINK: https://www.chronicle.com/interactives/advice-syllabus?cid=at&utm_source=at&utm_medium=en&elqTrackId=709fb498bc35456ba2991f1e6ec0c36e&elq=d24a4e71739d48f5b9c57466afae8b70&elqaid=20490&elqat=1&elqCampaignId=9637

TITLE: **A Welcoming Classroom (for Students with Disabilities)**

Author: James M. Lang

Published: September 27, 2017

Topic: What began as an accommodation for people with disabilities became a design strategy that had almost universal appeal.

LINK: <https://www.chronicle.com/article/A-Welcoming-Classroom/241294?cid=rclink>

TITLE: **A New Generation of Digital Distraction**

Author: Ben Gose

Published: September 17, 2017

Topic: What might become more common in the future is a ban on device bans.

LINK: <https://www.chronicle.com/article/Gen-Z-Changes-the-Debate-About/241163>

TITLE: **All the Classroom's a Stage**

Author: Sarah Rose Cavanagh

Published: June 27, 2017

Topic: Students often are leery of talking in the classroom, he says, because they believe they start the class with an A and anything they share could lower their grade.

LINK: <https://www.chronicle.com/article/All-the-Classroom-s-a-Stage/240429>

TITLE: **The Personal Lecture: How to make big classes feel small.**

Author: Katherine Mangan

Published: December 04, 2016

Topic: For generations, students have complained about feeling like nameless specks in a cavernous lecture hall.

LINK: <https://www.chronicle.com/article/The-Personal-Lecture/238559>

TITLE: **20 Things Students Say Help Them Learn**

Author: Anne Curzan

Published: October 11, 2016

Topic: Here's what students had to say, to each other and to me, about what promotes good learning.

LINK: <https://www.chronicle.com/blogs/linguafranca/2016/10/11/20-things-students-say-help-them-learn/>

Special REPORTS: **Small Changes in Teaching**

Author: James M. Lang

Published: June 22, 2016

Topic: In this series, James M. Lang argues that simple changes in our pedagogy — in things like course design, classroom practices, and communication with students — can have a powerful impact on student learning.

LINK: <https://www.chronicle.com/specialreport/Small-Changes-in-Teaching/44>

TITLE: **The 4 Properties of Powerful Teachers**

Author: Rob Jenkins

Published: March 16, 2015

Topic: Even if you weren't born with some of these qualities, you can develop them

LINK: <http://www.chronicle.com/article/The-4-Properties-of-Powerful/228483>