RESOURCES FOR MEDICAL EDUCATORS

From clerkship rotations and conferences to exam prep and faculty development, we’re here to help.
Dear Colleague,

At ACP, we believe education is critical to care quality, professional well-being, and the advancement of our profession. To help you in your challenging and important work, ACP has developed a comprehensive portfolio of educational resources designed to meet the needs of educators and prepare learners for success. Our educational resources offer high-quality, original, cutting-edge teaching tools that help you to keep pace with the ever-changing landscape of academic medicine.

This brochure outlines the breadth of ACP programs available to educators across all aspects of medical education. It also includes tips to help you use these resources to:

- Meet accreditation requirements
- Identify and remediate learners’ knowledge gaps
- Supplement and support your curriculum
- Teach evidence-based medicine and clinical reasoning
- Teach professionalism, systems-based practice, and quality improvement
- Provide opportunities to demonstrate scholarship
- Help your learners pass the LCME and/or ABIM exams
- Support faculty development
- Identify tools and resources that your graduating learners may use in their continuing career education

We hope you will find these resources beneficial and consider us a trusted partner in your medical education programs. If you have any questions about the teaching tools listed in the brochure, have suggestions for additional resources, or would like to talk about other ways ACP can support you and your learners, please don’t hesitate to contact me at dchick@acponline.org.

Sincerely,

Davoren Chick, MD, FACP
Senior Vice President, Medical Education
American College of Physicians
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify Learning Gaps</td>
<td>2</td>
</tr>
<tr>
<td>Enhance Your Curriculum</td>
<td>4</td>
</tr>
<tr>
<td>- Lecture Slides</td>
<td></td>
</tr>
<tr>
<td>- Prepackaged Mini-Curricula</td>
<td></td>
</tr>
<tr>
<td>- Syllabus Development</td>
<td></td>
</tr>
<tr>
<td>- Evidence-Based Medicine</td>
<td></td>
</tr>
<tr>
<td>- Interactive Learning Tools</td>
<td></td>
</tr>
<tr>
<td>Prepare Trainees for Exams (LCME and ABIM)</td>
<td>12</td>
</tr>
<tr>
<td>Demonstrate Scholarship (Trainees and Faculty)</td>
<td>14</td>
</tr>
<tr>
<td>Resources for Chief Residents and Faculty</td>
<td>16</td>
</tr>
<tr>
<td>Support for Medical Education</td>
<td>18</td>
</tr>
<tr>
<td>All-Inclusive Resource Chart</td>
<td>20</td>
</tr>
</tbody>
</table>
IM Essentials
IM Essentials is a combined physical and digital resource designed for 3rd- and 4th-year medical students. Prepare students for the internal medicine clerkship exam, sub-internship, and future intern activities.

How to Identify Learning Gaps
Assign a “Custom Quiz” to students before a small-group learning session and have them identify questions they struggled with or want to discuss in more detail at their session.

TIPS:
1. Use one of the 500 questions or 1,000 digital flashcards to launch a lecture or use in student conferences and discussions. Questions were created between a basic and advanced level, so they are tangible yet challenging.
2. Get progress reports from students using the “Document Your Learning” feature.

*Bonus: IM Essentials is also helpful and appropriate for residency interns who may need extra support.

Internal Medicine In-Training Examination® (IM-ITE®)
Modeled after the ABIM certification exam, the IM-ITE is a web-based self-assessment exam designed to help gauge training progress for residents. Evidence suggests that good performance on the IM-ITE may be an indicator of success on the ABIM exam.

How to Identify Learning Gaps
Generate reports that show the percentage of questions answered correctly for each examinee as well as their percentile rank. This can help you identify learners in need. The reports also include a list of proposed structured educational objectives to help you develop personalized learning plans for trainees, and identify common gaps so you can adjust your curriculum accordingly.

TIP:
Although it is typically administered in the second year, we encourage residency programs to use the IM-ITE annually to identify areas for improvement, set goals, and track progress over time. This will help you address deficiencies during the intern year and support your residents in their preparation for the initial certification exam.
Medical Knowledge Self-Assessment Program® (MKSAP®)

MKSAP is a continually updated, evidence-based body of knowledge organized into an all-inclusive learning system for both residents and practicing physicians. This premier educational tool has recently been enhanced to help educators identify, assess, and remediate knowledge gaps in your program.

How to Identify Learning Gaps

1. New! Use the MKSAP Residency Tracker feature to assign work and monitor progress at both the program and individual level. Develop individualized learning plans and assign required questions to provide targeted guidance and feedback.
2. Flip the classroom! Assign a custom quiz or group of questions to your residents before a small-group learning session and ask them to identify questions they struggled with or want to discuss in more detail at their session.

TIP:
Begin your resident report with a MKSAP question related to one of your cases to actively engage learners in the subject matter.

*Bonus: You can use MKSAP to update your own knowledge, earn CME credits, and address your maintenance of certification requirements.
ENHANCE YOUR CURRICULUM

Lecture Slides

In the Clinic
This monthly feature of Annals offers a deeper dive into common clinical conditions. More than 150 topics have been covered to date, so there is a large body of work for searching in addition to new topics discussed each month. Each In the Clinic feature includes evidence-based answers to frequently asked questions about the condition and addresses the issue from screening to follow-up.

TIP:
In addition to assigning learners In the Clinic as reading material, each issue has teaching slides that faculty can download.
Board Prep Curriculum
Ideal for residency programs, this is the most comprehensive prepackaged course in internal medicine to prepare for the board certification exam. It is also useful in preparing lectures. A course map is provided, and the 46 hours of content across 2,300+ slides are broken down into one-hour lectures, so little preparation is needed.

TIPS:
1. The Board Prep Curriculum can be used in any setting—for a complete local course, to launch individual lectures, or even during a noon conference.
2. Encourage individual use by your residents as review material for their courses or for the certification exam. The curriculum is purchased based on having a “.edu” email address. Therefore, residents with the same “.edu” extension can access the curriculum at any time to review the 230+ sample questions and/or 270 key points flashcards.
Prepackaged Mini-curricula

Adult Immunization and Quality Improvement for Residents Curriculum
This customizable mini-curriculum addresses the ACGME requirements for quality improvement regarding the science of adult immunization with evidence-based strategies for increasing vaccination rates. It includes a facilitator guide, slides, evaluation tools, and related resources to easily implement instruction.

TIP: Assign ACP’s co-sponsored resource, Aging and Immunity: The Important Role of Vaccines, as reading material along with your presentation of the curriculum.

Caring With Compassion for the Homeless Curriculum
Coming soon! This comprehensive, web-supported curriculum contains approximately 10 hours of case-based content focused on caring for socioeconomically disadvantaged patients. The course addresses public insurance and public health delivery systems, social determinants of health, team care, biopsychosocial health, and special biomedical concerns for homeless populations. A complete guide for educators is included.

TIPS:
1. Encourage your learners to use the free, individualized learning dashboard to share their progress with you for documentation of completion.
2. Use the supplementary “Care Consequences” game to encourage active learning in a fun, low-risk format.

High Value Care Curricula
Developed jointly with the Alliance for Academic Internal Medicine (AAIM), ACP offers three different high value care curricula to medical students, residents, and second-year subspecialty fellows. Designed to help trainees learn how to evaluate the value of their care, each curriculum addresses systems-based practice and practice-based learning and improvement—knowledge that is excellent preparation for the transition from fee-for-service to value-based payment.

TIPS:
1. Each of the 6-7 modules per curricula can be presented independently. The accompanying curriculum guide gives ideas for presentation to maximize active learning opportunities.
2. The resident and subspecialty fellow curricula include faculty toolboxes that include pre- and post-surveys so you can assess the effectiveness of the curriculum. Additional resources can help you address competence milestones in high value care.
Syllabus Development

ACP Journal Club®
This monthly feature in *Annals of Internal Medicine* identifies up to 12 selected high-impact articles from more than 120 medical journals. Abstract reviews and analysis provide guidance and context in interpreting articles and expertly balancing brevity with scientific rigor. It is applicable to any training level.

**TIP:**
When developing your syllabus, use ACP Journal Club to identify articles relevant to your content area. Then use the content and analysis to launch a teaching discussion.

ACP JournalWise®
This article-sifting service automatically presents timely content based on your preferences (specialty, disease, journal, etc.) and your schedule. When applicable, these articles link to ACP Journal Club for deeper analysis.

**TIPS:**
1. Conduct on-demand searches for articles to assign in your syllabus and help fill knowledge gaps in your curriculum.
2. Create and share folders of articles with your trainees for weekly reading, discussions, or morning reports.
Evidence-Based Medicine

ACP Clinical Guidelines and Recommendations
Applicable to all levels of training, ACP’s Clinical Guidelines and Recommendations provide unbiased, evidence-based material to support rational conclusions and recommendations. They meet the standards for development as set by the National Academies of Medicine and the Guidelines International Network and provide a solid framework for teaching clinical reasoning.

TIPS:
1. Use ACP’s related mobile app to easily search and present guidelines while teaching at the bedside or on rounds.
2. Many of our guidelines link to ACP’s related patient education materials to further your discussions about how to address ongoing care with patients.
Annals Resources for Educators

Get access to evidence-based content across the spectrum of internal medicine from a variety of Annals-branded resources, applicable to all levels of training.

TIPS:

1. Sign up to receive Annals for Educators emails. This twice-monthly email alert can help reduce prep time by offering tips for using selected Annals articles in your teaching activities, including clinical topics as well as humanism and professionalism in medicine.

2. Engage your learners with Beyond the Guidelines. Each multimedia feature in the series includes patient interviews and debates by clinical experts to help work through clinical reasoning techniques. Questions are provided to challenge learners about real patient cases whose situations don’t fit traditional guidelines.

3. After watching an episode of Annals Consult Guys, our popular consultative medicine talk show, use the related key resources and multiple-choice questions for use in the classroom.

4. Host a journal club by presenting a patient on your service with a diagnosis related to a recent Annals article or systematic review; ask them to assess the strengths and weaknesses of the study and whether the results apply to your patient.
Interactive Learning Tools

**Doctor’s Dilemma®**

Foster healthy competition among your residents by arranging them into teams and conducting a live “medical quiz bowl.” Use questions from ACP’s Doctor’s Dilemma mobile app or from MKSAP to set up your game, and then send the winning team to compete at your local chapter meeting. Chapter winners are eligible for the national competition.

**TIPS:**
1. Give categories to your residents in advance to stimulate learning.
2. Use audience response systems to engage larger group learning.
Annals Virtual Patients
This innovative program simulates the clinical experience, allowing participants to evaluate, diagnose, and treat a virtual patient, creating a distinct path for the physician and the patient based on the decisions made. This interactive learning opportunity fosters instruction of clinical reasoning.

Tip:
Work through a virtual patient case with your learners and discuss each decision, why it was made, and why it led to the next decision point and the final outcome.

Getting It Right: Cases to Improve Diagnosis
Developed in collaboration with the Society to Improve Diagnosis in Medicine, these interactive case studies address the diagnostic process and how problems can occur. They encourage thinking around diagnostic decision-making through recognition and analysis of diagnostic errors and how to respond to them.

Tip:
Start your conference with one of these patient cases and discuss how potential diagnostic errors could affect the patient as well as the learners’ daily practice of medicine.

Getting it Right: Cases to Improve Diagnosis
Diagnosis is one of the most important and challenging tasks that a physician performs, particularly in internal medicine. The rate of diagnostic error is extremely difficult to measure and varies across specialties, but it is estimated to be 10% to 15% for internists. Unfortunately, these errors result in substantial morbidity and mortality for patients. Diagnostic errors are the leading type of paid medical malpractice claim and are nearly twice as likely to result in death as any other category of error. Produced by the American College of Physicians in collaboration with the Society to Improve Diagnosis in Medicine, these cases serve to encourage thinking around diagnostic decision-making, how problems may occur in that process, and how diagnostic errors may affect both our patients and us in our daily practice of medicine.
IM Essentials
In addition to helping you identify learning gaps (see page 3), IM Essentials is the perfect tool to help medical students prepare for the internal medicine shelf exam, as well as USMLE’s Step 2 CK. Developed in partnership with the Clerkship Directors in Internal Medicine (CDIM), students can read through the text, answer more than 500 case-based self-assessment questions, and review the key points and references for each answer.

TIPS:
1. Encourage students to use the “Exam Mode” feature to take a timed test that simulates the exam experience.
2. Over 1,000 digital flashcards are available for students to use when studying. You can also use them in a rapid-fire question-and-answer session to kick off your lecture.

Medical Knowledge Self-Assessment Program (MKSAP)
Prepare your residents for the ABIM certification exam with MKSAP, the most trusted internal medicine self-study program. All residents also receive a complimentary copy of Board Basics (available in print or e-book) with their MKSAP subscription, providing them with proven test-taking strategies, study tables, and additional case histories for review. Plus, we offer a money-back guarantee. (Note: MKSAP is also useful for identifying learning gaps; see page 3.)

TIP:
Residency programs receive a discount on bulk purchases of MKSAP for their residents.
Board Review Courses/ACP Board Prep Ace: Certification

Offered regionally between May and July, ACP’s live board review courses are the most cost-effective, in-person, initial certification preparation courses available for first-time test-takers.

Alternately, residents can study at home and at their own pace with our course recordings, also known as ACP Board Prep Ace: Certification. This 45-hour program includes recordings of our live courses broken down into 49 lectures, with online prompts to answer questions as they navigate the course.

TIP:
1. Both our live courses and ACP Board Prep Ace include a set of more than 200 digital flashcards to reinforce key concepts prior to the exam.
2. ACP offers a board prep guarantee with our courses and recordings—if your learner attends a course and does not pass the ABIM exam, they can attend another course for free or obtain free access to Board Prep Ace within a year of their ABIM failure notification date.
Abstract Program
ACP offers abstract competitions locally within its chapters as well as nationally at the annual ACP Internal Medicine Meeting.

- Medical students, residents, and subspecialty fellows are eligible to submit content in the categories of Basic Research, Clinical Research, Quality Improvement-Patient Safety, High Value Care, and Clinical Vignette.
- Early-career teaching faculty are also eligible to submit abstracts to ACP’s national competition in the same categories.
- Selected abstracts are eligible for poster presentation and the top winners give podium presentations, both of which are valuable additions to their CV and demonstrate scholarship.
- Established faculty are encouraged to volunteer as judges for both local chapter and national competitions, growing their professional connections while enhancing their CV.
- The national program now offers an electronic submission platform, making it even easier for your trainees and young faculty to submit their work for consideration.
Doctor’s Dilemma
Recognize scholarship by sending the winning team from your institution to compete at your local ACP chapter competition. If they win the local competition, they’ll be sent to the national competition and gain further exposure. Volunteers are also often needed at each level of the competition. (Note: for more details on how to use Doctor’s Dilemma to engage learners within your program, see page 10.)

Innovation Challenge
Learners, medical educators, and practicing clinicians are invited to submit an application to the annual ACP Innovation Challenge, a “Shark-Tank”-style competition featured during a session at the annual Internal Medicine Meeting. The session will showcase the best and brightest who have the potential to transform the practice of internal medicine on a national level. Selected finalists present their projects to a distinguished panel of judges who ask challenging questions and provide candid feedback in front of a live audience. The national grand prize is awarded by the judges, and a smaller prize is awarded to an audience-selected winner.

Submit Articles to Annals for Potential Publication
If faculty members have conducted noteworthy research, encourage them to submit an article to Annals of Internal Medicine. Although only 50% of submitted articles are selected for peer review and less than 5% of those are eventually published, authors receive a copy of the peer reviewers’ comments on their article so they can make improvements if it is not selected for publication.

Annals also seeks submissions of cover photos, On Being a Doctor narratives, graphic narratives, and case reports.

Visit acponline.org/authors to learn more about the submission process.
RESOURCES FOR CHIEF RESIDENTS AND FACULTY

ACP Chief Resident’s Corner
ACP provides resources specifically to help Chief Residents in their teaching role. These include:

• Content focused on how to test and assess resident knowledge and skill levels
• Prepackaged slides on how to present as a physician
• Webinars on transitioning from evaluated to evaluator, bedside teaching, and making your lectures pop
• Regular e-newsletters with tips and tools for Chiefs
• Scholarship program for Chiefs to help teach popular clinical skills workshops under the guidance and mentorship of expert faculty at the annual ACP Internal Medicine Meeting

Annals Fresh Look
This new Annals blog is a forum for thoughts and reflections on Annals content written by residents, subspecialty fellows, and other early-career physicians in general and subspecialty internal medicine. Medical students, medical educators, and others interested in the training and experience of early-career physicians are also welcome to submit content. Encourage your learners to read the content and interact with colleagues, and encourage faculty to read the blog so they can learn about and understand the perspectives of their trainees.

Physician Well-being and Professional Satisfaction Initiative
ACP offers a complete suite of content, tools, and programs to help internists and their patients thrive. In addition to advocacy for systems changes to reduce administrative burdens, a variety of information is available to promote individual well-being, foster local communities of well-being, and improve practice efficiency and success in a value-based payment environment.

TIP:
Incorporate this content to support physician well-being and to meet accreditation requirements through improvements in your Clinical Learning Environment.

16 | Resources for Chief Residents and Faculty
ACP Publications to Enhance Medical Education

Written for educators across the spectrum of academic medicine, ACP’s Teaching Medicine 7-book series summarizes the collective experience and wisdom of expert medical educators. Topics include theory, practice, methods of teaching medicine, teaching in the office or hospital, teaching clinical reasoning, and mentorship.

Additional publications of interest for you and your learners:

- ACP Handbook of Women’s Health
- Bedside Ultrasonography in Clinical Medicine
- How to Report Statistics in Medicine
- How to Write, Publish, and Present in the Health Sciences
- Physician’s Guide to End-of-Life Care
- Practical Office Orthopedics
- Principles and Practice of Hospital Medicine
- Psychiatry Essentials for Primary Care
Advocacy and Public Policy
ACP has an ongoing commitment to support and improve the graduate medical education (GME) system. We have published policy papers and conducted ongoing advocacy about GME financing, redesigning residency training, addressing the resident physician shortage and other workforce needs, opposing the immigration ban in terms of its impact on medical education, and more.

Relationships and Collaborations
ACP has excellent relationships with medical education organizations, such as the Alliance for Academic Internal Medicine and Society for General Internal Medicine, ensuring our voice is heard. We have also collaborated with more than 45 professional medical societies on a number of public statements that impact internists and our patients.
Rewards Programs

Internal Medicine Interest Group (IMIG) Sponsorship Program

The IMIG Sponsorship Program provides funding, resources, and learning opportunities to U.S. medical school groups to support their interest in internal medicine. Clubs complete an online application on an annual basis. This entitles them to $200 in initial funding at the beginning of the academic year, and an opportunity to earn additional support based on their recruitment of ACP Medical Student Members.

Recruit-a-Resident (RAR) Rewards Program

If 90% or more of an RAR participating program's categorical internal medicine or medicine-pediatrics residents are ACP Resident/Fellow Members in good standing when the recruitment period closes (December 31, annually), that residency program will achieve Elite Status. Each resident in that program will then receive a selection of free educational resources, which typically includes Internal Medicine Meeting handouts, In the Clinic Compendium, and access to procedural short videos and Critical Care Video Shorts.
<table>
<thead>
<tr>
<th>Audience</th>
<th>Teaching Method/Task</th>
<th>Education Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Students</td>
<td>Residents</td>
<td>Subspecialty Fellows</td>
</tr>
<tr>
<td>ACP Abstract Competition</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>ACP Clinical Guidelines/Guideline App</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>ACP Journal Club</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>ACP Journalwise</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Adult Immunization &amp; Quality Improvement for Residents</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Annals Fresh Look</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Annals in the Clinic</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Annals Resources for Educators</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Annals Virtual Patients</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Board Prep Curriculum</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Board Review Courses/Board Prep Ace Recordings</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Critical Care Video Shorts</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Caring with Compassion for the Homeless Curriculum</td>
<td>**</td>
<td>**</td>
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<tr>
<td>Doctor's Dilema</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Getting It Right: Cases to Improve Diagnosis</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>HVC Curriculum</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>IM Essentials</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Innovation Challenge</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Internal Medicine In Training Exam (IM-ITE)</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Internal Medicine Meeting tracks for students and residents</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>IM/IMAP (New IMAP Residency Tracker Available)</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Waxman Scholarships for Chief Residents</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>
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