



n 1597 the English philosopher Francis Bacon wrote, "ipsa scientia potestas est (knowledge itself is power)." Today we are inundated with knowledge and information. There exist nearly a billion websites, more than a million articles on the arXiv eprint server, and now, more than 100 physics journals.

What makes one site stand out over another? Is it one particular posted article? Is it one particular journal? The quality of its content? Its breadth of use and appeal?

Over its 90-year history, *Reviews of Modern Physics* (*RMP*) has served the whole physics community. The journal has reported on current trends through colloquia and reprinted prize lectures (Nobel and now the American Physical Society's Medal for Exceptional Achievement in Research). It has published values of fundamental constants and particle data, reviewed mature topics, and, perhaps uniquely among the journals of the American Physical Society (APS), it, has offered refereed, pedagogical lectures.

What drives *RMP*? In a word, impact. It's not a metric that can easily be used by tenure committees or review panels. Rather, the impact that *RMP* strives to make is to unify ideas across physics, to introduce readers to new paradigms, and to publish foundational, essential articles that are read over and over again. If a colleague years ago had to stand over a photocopier to obtain a personal version of an *RMP* paper, it is likely they still have it. If that colleague is like me and my graduate school classmates, the much-loved

copy is well worn, extensively annotated, and dotted with coffee and food stains.

For this special issue of PHYSICS TODAY, *RMP*'s current editors, former editors, authors, and others have taken a look back at how their respective fields have appeared in the journal. In addition, some of the topics will be further highlighted at the March and April 2019 meetings of APS during *RMP*-sponsored sessions. If you're attending either meeting, please join us!

What will the next 90 years bring? I would be foolish to predict, but I know something about the next 10: *RMP* will continue to follow the expansion of physics and the physics community. We now have an associate editor to encourage and solicit reviews on climate science, we have introduced biophysics and soft matter as independent efforts, and, notably, we are the only one of the APS and American Institute of Physics families of journals that has a devoted editor for astronomy and astrophysics. When our 100th anniversary comes along, take a look!

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