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EDITORS' MESSAGE

Welcome to the September 2018 issue of *Inroads*. This issue overflows with columns, articles, and reports covering the broad computing education field!

September always brings us the report on the ACM national (US) survey of non-doctoral-granting departments in computing. The ACM-NDC complements the Computing Research Association (CRA) Taulbee Survey of doctoral-granting departments in computing. Like the Taulbee, ACM-NDC provides data on student enrollment, degree production, faculty demographics, and faculty compensation for non-doctoral granting academic departments, with appropriate comparisons to Taulbee survey data. ACM-NDC invariably sheds light on national computing education trends across the United States.

A complement to the ACM-NDC is Valerie Barr's new analysis of demographic data in computing. Her article, *Different Denominators, Different Results: Reanalyzing CS Degrees by Gender, Race, and Ethnicity*, brings an interesting new perspective on measuring progress towards full representation of these traditionally underrepresented groups. Her thought-provoking article will likely spur many office-cooler conversations.

We want to congratulate *Inroads* columnist Don Gotterbarn who received a 2018 ACM Presidential Award. ACM's citation reads "in grateful appreciation of 25 years of outstanding service as chief architect for ACM's Code of Professional Ethics, a living document adopted by the computing community worldwide as the blueprint for professional conduct in the field." Bravo Don!

Congratulations to the final Back Page puzzle contest winner, Todd Neller (Gettysburg College), for *Rook Jumping Maze* that appears this month. The solution may be most easily worked by performing a manual breadth first search, marking corners of grid squares with the number of steps from the upper-leftmost grid square (labeled "0"), and visiting grid squares left-to-right, top-to-bottom for each successive depth label, marking unmarked reachable squares with the next depth number. The shortest solution is DRLUDLRULLRDU (i.e., down, right, left, up, down, etc.). We also wish to congratulate our other winners: Zack Butler (Rochester Institute of Technology) for his *Programming Languages Puzzle* that appeared in March, and Marie desJardins (University of Maryland, Baltimore County) and Michael Littman (Brown University) for their *Evolutionary Huffman Encoding Puzzle* that appeared in June.

We say "goodbye and many thanks" to Michal Armoni of the Weizmann Institute of Science who is stepping down as an *Inroads* Associate Editor. A tremendous asset to us, Michal brought high standards, good judgment, and solid advice to our editorial staff. Thank you for your service, Michal, and for your dedication to *Inroads* over the years.

We are excited to announce that Jan Vahrenhold, Professor of Computer Science at the Westfälische Wilhelms-Universität Münster, Germany, has agreed to join *Inroads* as an Associate Editor. Jan's research interests include Efficient Algorithms, Algorithm Engineering, and Computing Education Research. He has co-chaired several international conferences in these areas and acts as co-Editor-in-Chief of *Computer Science Education*, and Associate Editor of *Journal of Computational Geometry*. In his spare time, Jan enjoys photography, judo, and puns. In the spirit of bad puns, this is clearly the Jan of a new day, with whom we can boldly go where no Jan has gone before. In all seriousness, we welcome Jan and the many years of experience he brings to *Inroads*! ❖

Mark Bailey and Laurie Smith King
Editors-in-Chief