The Office of Statewide Clinical Education Programs (OSCEP) is a unit of the Carver College of Medicine’s (CCOM) administration. Established in 1974, the mission of OSCEP is to impact the supply of Iowa health professionals through strategic initiatives in medical education, community service and workforce analytics. This continuous effort for over four decades has resulted in a high level of visibility and trust for the CCOM in Iowa communities.

OSCEP is comprised of three divisions:
- Community-Based Medical Education
- Community Services
- Iowa Health Professions Tracking Center

This report summarizes select 2016-2017 OSCEP activities.
Community-Based Education

The Division of Community-Based Medical Education (CBME) is responsible for administration and coordination of the Statewide Medical Education System (SMES) in partnership with the University of Iowa’s six Regional Medical Education Centers (RMECs). The SMES was established by the Iowa Legislature in 1973, and provides the venue for carrying out the University’s medical education activities that occur outside the academic health center.

2016-2017 Accomplishments

- Administered $2.4 million of state grants.
- Maintained affiliation relationships with the six UI-Affiliated Regional Medical Education Centers.
- Provided administrative and educational support for eight residency programs training 156 residents across the Iowa Family Medicine Residency Network. Fifty-seven percent of the 2017 graduates were retained for Iowa practice.
- Organized and administered an intensive two-day course in Advanced Life Support in Obstetrics (ALSO) for 54 residents and 8 faculty physicians in Iowa family medicine residency programs.
- Planned and coordinated 12 faculty development workshops at the six UI-Affiliated Regional Medical Education Centers, serving community-based clinical faculty.
- Coordinated two workshops for the 15 Community Teaching Scholars. These events were held at the Carver College of Medicine and led by professors from the Office of Consultation and Research in Medical Education (OCRME).
- Published semi-annual issues of Around the State, a newsletter for community-based medical educators with a readership of over 800 across Iowa.
- Administered the Community-Based Primary Care Clerkship, a four-week required course for 157 second and third-year medical students emphasizing community health services in designated Iowa communities.
- Facilitated housing arrangements for UI medical students, PA students, pharmacy students, residents and fellows in community settings.
- Processed and tracked 150 requests for adjunct faculty appointments for community-based preceptors.
- Arranged 61 faculty speakers providing 88 teaching visits for the UI CCOM Visiting Professor Program at eight community-based residency programs.
- Coordinated the Annual Iowa Family Medicine Residency Network Residency Fair to foster medical student interest in family medicine training in Iowa.

The Iowa Family Medicine Training Network is the “backbone” of the Statewide Medical Education System. It is comprised of seven community-based family medicine residency programs and one at the University of Iowa. OSCEP provides administrative, educational, and technical support to the network of residency programs, all of which are formally affiliated with the University of Iowa.
Community Services

The Division of Community Services is responsible for developing relations with and providing services for the benefit of Iowa physicians, practices and health care organizations. The services include programs and activities in the areas of physician and non-physician provider recruitment; placement and retention; practice management; and practice coverage. These services are not typically independent of each other. A single interaction with a physician, a medical practice or hospital often results in staff providing a series of services.

2016-2017 Accomplishments

- Provided recruitment assistance and related services to 130 communities in 90 of Iowa’s 99 counties through the Medical Practice Development Program.
- Advised and consulted with 21 communities regarding their practice management needs including practices in Boone, Council Bluffs, Grinnell, Mount Pleasant, Muscatine, Sioux Center, Washington, and Waukon.
- Assisted 53 physicians with practice searches, including CV preparation, practice preferences, identification of practice opportunities, and employment agreement consultations.
- Published the 2016-2017 Iowa Medical Practice Opportunities Directory providing information on a total of 442 opportunities in the specialties of family medicine, emergency medicine, general internal medicine, hospital medicine, obstetrics, pediatrics, and psychiatry. A similar directory was published for physician assistants and advanced practice nurses listing 209 opportunities.
- Administered the Rural Physician Support Program through which physicians in training have covered rural practices 328 times involving 585 weeks of absence since 1994.
- Critiqued employment contracts for 22 residents and fellows who were considering their first practice after completion of training. Twenty-two (21) other physicians received guidance on specific contract issues. Six separate seminars educating physicians in training and health administration graduates students on employment contracts were provided.
- Organized and helped set agenda for periodic meetings of UI-affiliated special interest groups, including the Iowa Family Medicine Residents Council, the Community-Based Residency Program Directors, and Behavioral Science faculty.
- Coordinated and provided administrative support of the Fringe Benefits Plan of UI-Affiliates, covering two UI-Affiliated Regional Medical Education Centers, enabling reduced premiums and increased awareness of changes in the insurance market.
- Administered the UI-Affiliated Medical Liability Insurance Plan for UI-Affiliated Regional Medical Education Centers in Cedar Rapids, Davenport, Sioux City, and Waterloo.

857 Iowa Family Medicine Residency Network graduates practice in 165 Iowa communities.
Iowa Health Professions Tracking Center

The Iowa Health Professions Tracking Center maintains continuous longitudinal inventories of Iowa’s physicians, dentists, pharmacists, advanced practice nurses (APNs), and physician assistants (PAs). The Iowa Health Professions Inventory (IHPI) characterizes the health care workforce, monitors trends, and facilitates research. Its benchmarking capacity enables users to track changes in supply and geographic distribution over time. The Inventory is monitored and updated on a continuous basis, incorporating changes in the workforce due to deaths, retirements, relocations, and new practitioners entering practice.

**Select Workforce Composition Statistics as of December 31, 2016**

<table>
<thead>
<tr>
<th></th>
<th>Physicians</th>
<th>PAs</th>
<th>APNs</th>
<th>Pharmacists</th>
<th>Dentists</th>
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</thead>
<tbody>
<tr>
<td>Active Providers</td>
<td>5852</td>
<td>883</td>
<td>2047</td>
<td>2950</td>
<td>1530</td>
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<tr>
<td>Active Providers ≥ 60</td>
<td>23%</td>
<td>10%</td>
<td>14%</td>
<td>14%</td>
<td>27%</td>
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<tr>
<td>Communities with active providers</td>
<td>211</td>
<td>170</td>
<td>217</td>
<td>226</td>
<td>217</td>
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<tr>
<td>Active Providers in Communities &lt; 1000</td>
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<td>43</td>
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<td>22</td>
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<tr>
<td>UI Education/Training</td>
<td>48%*</td>
<td>23%</td>
<td>18%</td>
<td>49%</td>
<td>75%</td>
</tr>
<tr>
<td>Iowa Counties with UI Graduates</td>
<td>89*</td>
<td>38</td>
<td>50</td>
<td>95</td>
<td>92</td>
</tr>
</tbody>
</table>

*Includes graduates of UI-Affiliated programs

“With all the changes in health care and the aging of Iowa’s population, it is vital to know how specialist care is being provided to patients in rural areas. OSCEP’s annual report on Iowa’s Visiting Medical Consultants is a state-level resource on outreach by specialist physicians. It is the only database of its kind in the United States. Our team of researchers from the UIHC, Carver College of Medicine and Tippie College of Business has used these data to obtain grants, educate doctoral students and publish research in top-tier journals.”

Tom S. Gruca, PhD
Professor and Faculty Director
MBA Marketing Career Academy
Henry B. Tippie Research Professor of Marketing
Tippie College of Business, University of Iowa

2016-2017

- Maintained health professions tracking systems and produced annual reports detailing benchmark data for Iowa’s physicians, dentists, pharmacists, advanced practice nurses, and physician assistants.
- Conducted the annual statewide inventory of Visiting Consultant Clinics (VCC) and produced the 2017 Annual VCC Report. Forty-six medical specialties provided service in 110 Iowa communities for a total of 984 clinic days.
- Maintained current content of the Resident Information System, a longitudinal database tracking Iowa’s 2,150 family medicine graduates at their practice locations in Iowa, 48 other states, and 6 countries.
- Produced workforce data sets for use in presentations given to Iowa Hospital Association, community leaders, professional societies, educational institutions, and state agencies.
- Provided maintenance and technical support for the OSCEP website.
- Produced workforce data, graphics, and tables for routine and special reports serving internal and external clients on over 50 projects.
- Coordinated meetings and deliberations of state-level advisory committees for each of the health professions represented in the Tracking Center.
- Provided data for research, publications, and meetings of the American Dental Education Association, the Iowa Dental Association, the Iowa Department of Public Health, Tippie College of Business and UI Public Policy Center, as well as contributed key data to the 2017 Iowa Health Fact Book.