

May 8, 2021

Dear CBDCE Board of Directors Selection Committee,

It is my pleasure to provide my strongest recommendation for Clipper F. Young, PharmD, MPH, CDCES in consideration for a director position at the Certification Board for Diabetes Care and Education. I have known Dr. Young for over 6 years. I can speak to his scholarly activity, his teaching, his service, and his clinical skills in diabetes care. He has compiled a record and breadth of work that demonstrate he is a leader in the field. I am sure his application reflects this as well.

Dr. Young has served at the Touro University California College of Osteopathic Medicine (COM) since 2015. His time has been divided as 40% clinical, 40% research/community outreach/service, and 20% teaching. As a pharmacist working at a medical school, he has taken on the unique challenges of creating new pathways to expand and enhance interprofessional education and opportunities for the students and faculty at COM. With perseverance, creativity, and professionalism, Dr. Young has developed new educational and research roles for health professionals at Touro University California College of Osteopathic Medicine.

Honors:

Dr. Young has received several regional and national awards. These include the Kim Higgins Diabetes Educator of the Year Award from CA-AADE (California Coordinating Body of the American Association of Diabetes Educators) in 2017 and the Rising Star Award from National American Association of Diabetes Educators in 2018. In 2019, he was awarded the Emerging Scholar Award at the Ninth International Conference on Health, Wellness & Society by the Common Ground Research Networks.

Clinical & Diabetes Care:

Dr. Young's clinical responsibilities account for 40% of his efforts. In this role, he is actively working with physicians, physician assistant, and nurse practitioner providers to assist in the comprehensive care of people with diabetes and its related conditions. As the Director of Diabetes Services, I can say that Dr. Young is an active and productive contributor to the clinical team. Further, he has worked tirelessly to build the infrastructure to make these kinds of opportunities available to future pharmacists, public health personnel, and diabetes educators. Looking beyond the simple clinical encounter, he has helped us to address the social determinants of health and start working at the populational health level. He has also expanded the clinical setting to include group office visits and will begin home visits as soon as the COVID pandemic allows. The clinical work of the DREAM team – Diabetes Research Education and Management – Team was highlighted at our recent HRSA audit at which they asked if we would be willing to help teach other community health centers on how to implement this approach.

To support his clinical practice specializing in diabetes management and its complication risk reduction as a clinical pharmacist, he has developed and implemented collaborative practice



agreements with other clinicians, allowing his team to initiate, stop, and adjust pharmacotherapies. These practice agreements include type 1 and 2 diabetes (oral and injectable agents), hypertension, hyperlipidemia, and medication therapy management. Personally, I have seen an improvement in my quality metrics in response. Specifically, titration of hyperglycemic therapies, vaccination documentation and optimal use of statin therapies have improved.

He has also allowed us to expand our clinical teaching. With a team-based approach, we have been able to include students in all phases of clinical care. We have students constantly around the year in the clinical setting. I believe we have the highest clinical teaching of any of the COM faculty. Students who work with us get an enhanced experience as a result of our interdisciplinary clinical team.

Research & Community Outreach:

Forty percent of Dr. Young's time is dedicated to research and community outreach activities. He has been an active researcher in the diabetes and psychosocial arenas. He has conducted several studies and has mentored many health professional students across specialties to help them build their qualitative and quantitative skills. I am impressed by his ability to include students in his work—as we know, this almost always takes longer than doing it alone. He feels that his career development is even richer as he mentors future students, leading them to explore the world of diabetes.

Dr. Young continues to contribute to science. He has 20 peer-reviewed publications (on more than half, he was first or senior author). He is a skilled author, who is striving to expand his platform of publications. He has had many national presentations and poster presentations. Currently, he is working on multiple original research projects and review papers, most of which focus on diabetes care and management.

Dr. Young has actively worked on our grant funded programs. He has received both intramural and extramural funding. Notably, he has been a driving force for novel funding sources. He has actively looked for foundation, federal, and commercial funding for our platform of diabetes research and outreach. In the past year, alone he was a co-investigator on a grant from Sutter Health for MOBEC (Mobile Diabetes Education Center), California Department of Public Health for a population-health approach to diabetes prevention and treatment. He is the Principal Investigator for the Pharm2Home Initiative funded by Sutter Health. The Pharm2Home Initiative is a pharmacist-led, post-hospitalization surveillance program, aiming to reduce the rate of hospitalization and emergency room visits through encouraging behavioral changes. Type 2 diabetes management is one of the chronic disease states included in this initiative. This program delivers care through conducting home visits and telehealth encounters.

Service:

He has served in a great number of roles in a short amount of time. At the college level, he has been an active faculty mentor to not only COM students but also students in the Master of Medical Health Sciences, Public Health, and Pharmacy. He is the program coordinator for the preclinical electives at COM. This role requires substantial time and organization. He has served on the Strategic Planning Committee and the Interprofessional Education Committee at COM.

At the university level, Dr. Young has been active in service. He is the Diabetes Interprofessional Club faculty mentor, one of the larger clubs on campus. He has been very active in the Mobile Diabetes Education Center (MOBEC). At the University level, he has actively worked to build structure in terms of student access involvement and engagement. He also is the Editor of the quarterly DREAM team Newsletter, distributed throughout the campus and to our community partners.

Dr. Young's service to the community largely focuses on helping people with or at risk of developing diabetes. He serves on the Solano County Diabetes Advisory Forum planning group, which provides "listening sessions" and needs assessments for community members to make sure Touro provides services that are valued and needed in our community. Dr. Young is an active contributor to MOBEC, which has now reached more than 6,500 Solano County residents in its efforts to raise awareness about diabetes and provide free screenings for diabetes, hypertension, depression, and smoking cessation. He also was the Diabetes Outreach Committee Chair at the Diablo Society of Health-System Pharmacists (DSHP) in 2017, which provided service-learning opportunities students while serving the public in Solano County.

In Dr. Young's "young" career, he has already seized opportunities to serve the professions. He is the Chair of the Diabetes Self-Management Education and Support (DSMES) Interest Group at the American Diabetes Association; he was the pharmacy leader at the California Coordinating Body of American Association of Diabetes Educators, and he has been active on committees for the California and National AADE, American Public Health Association, American Society of Health-System Pharmacists, and the American Pharmacists Association. He also currently serves as a member of the Advisory Board for Medicine Matters Diabetes, a global board of Springer Nature.

Teaching:

Dr. Young dedicates 20% of his time to teaching. As a non-physician at a medical school, Dr. Young has tried to enhance the COM curriculum. With his diverse training and skill set, he has taught courses that many others have felt less comfortable teaching. He has taken over epidemiology and biostatistics. He now leads the Journal Club series for both Year 1 and Year 2 students. He has brought new teaching methods and energy to these historically unpopular courses. Finally, Dr. Young has been centrally involved in the diabetes platform of educational offerings. He spearheaded the Diabetes IPE electives—Bench to Bedside (Course A) and Bedside to Community (Course B), and he mapped the process to be able to offer a Diabetes Certificate upon graduation for all students on campus. Our first Diabetes Certificate graduates were recognized in 2019. He has been central in the development of Diabetes Week—one week in which the whole campus now participates together in active learning on a single topic. Dr. Young was the 2020 Chair of Diabetes Week—this is no small undertaking. As Chair, he negotiated involvement across all colleges and actively worked to make sure our interprofessional learning was led by interprofessional faculty, providing necessary perspectives that made diabetes care a team sport. Further, the educational objectives from each of the participating colleges must be met. Finally, bringing more than 400 students together on Touro's campus was an achievement in and of itself that required substantial interactions with facilities, informational technology, and each of the colleges.



In summary, Dr. Clipper Young has been an active participant introducing students to interprofessional work and diabetes care. He has also spent countless number of hours contributing to individualized patient care for diabetes care and education as a clinician and CDCES as well as helping address diabetes-related issues in Solano County as a public health practitioner. He is an active contributor to scholarly activity in our profession. Touro University College of Osteopathic Medicine is lucky to have him as a faculty member. Please let me know if I can be further assistance or answer any questions.

Sincerely,

Jay Shubrook

(electronic signature)

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