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**Evolution of Geriatric Medicine:  
Mid-career Faculty Continuing the Dialogue**

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38

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44 *Never believe that a few caring people cannot change the world. For, indeed, that's all who ever*  
45 *have.*

46

Margaret Mead, Cultural Anthropologist

47

48 **Dear Dr. Applegate,**

49

50 We read the July 16, 2016 article by Dr. Mary Tinetti and accompanying editorial by Drs. Robert  
51 Kane, Christopher Callahan, John Morley, and Jim Pacala in *Journal of the American Geriatrics*  
52 *Society* with great interest.<sup>1,2</sup> During our careers as geriatricians, we have been inspired by these  
53 remarkable physicians (and others) whose work drew us into this challenging field, and who  
54 continue to motivate us as clinicians, educators, mentors, and scientists. Close colleagues and  
55 friends for almost two decades since we met through the American Geriatrics Society's Junior  
56 Faculty Research Career Development Special Interest Group, the four of us meet at the annual  
57 meeting of the American Geriatrics Society (AGS), doggedly united in our hope that when we  
58 retire we will be able to say that the lives of older people have improved because of the work we  
59 did. So when Dr. Tinetti generated an article telling us to "stop whining," it caught our attention.  
60 We were reminded of a quote by James Macgregor Burns, a historian and political scientist:

61 ‘Transformational leadership occurs when one or more persons engage with others in such a way  
62 that leaders and followers raise one another to higher levels of motivation and morality.’ After  
63 many heartfelt email and telephone conversations among ourselves and with other colleagues,  
64 we feel compelled to contribute our thoughts from “mid-career.”

65 We agree with Dr. Tinetti that geriatrics can be considered a ‘metadiscipline,’ that we do  
66 not market ourselves well, and that we are an elite workforce; however, we disagree with the  
67 notion that our field should be narrowed to be considered experts in multi-morbidity and  
68 complex medicine.

### 70 **Geriatrics as ‘Metadiscipline’**

71 We love the concept of geriatric medicine as a “metadiscipline.” Core principles of geriatrics are  
72 now applicable to all areas of clinical, research and training enterprise. Numerous leaders have  
73 been rapidly “Geriatricizing” both the health care delivery systems and the health care policy  
74 systems<sup>3</sup> by first, designing innovative, scalable, and sustainable models of care such as Care  
75 Transitions Program,<sup>4</sup> Hospital-at-home Program<sup>5</sup>; second, developing tools, processes and  
76 strategies to rapidly implement evidence based health care solutions into the local community  
77 such as INTERACT tools<sup>6</sup>; third, leading major healthcare delivery and health insurance  
78 organizations as effective health care administrators; and fourth, guiding national healthcare  
79 policy agenda at both the federal and state levels such as the Centers for Medicare and Medicaid.

80 Several other medical and surgical specialties have infused their fields with innovative  
81 models to enhance safety and quality of the aging population that they serve. ‘Geriatric  
82 Emergency Departments’ is a testament. With a rapidly growing aging population and the  
83 impact of healthcare reform, emergency care has been challenged by a complex patient  
84 population, expedited decision making, and the need to coordinate care with surrogate decision  
85 makers. Geriatric Emergency Departments, supported by research led by collaborative teams  
86 including emergency physicians, geriatricians, educators, social workers, palliative care and  
87 advanced nursing practitioners have started to revolutionize urgent care.<sup>7,8</sup> In collaboration with  
88 Infectious Diseases physicians, research and guidelines have fundamentally changed the  
89 approach to infectious diseases in aging populations.<sup>9-12</sup> New research has revolutionized our  
90 approach to managing chronic diseases such as hypertension and dementia in primary care.<sup>13,14</sup>  
91 Seminal studies by multidisciplinary research teams have led the way in identifying and reducing

92 adverse events such as delirium,<sup>15</sup> functional decline,<sup>16,17</sup> frailty,<sup>18</sup> falls,<sup>19</sup> infections,  
93 polypharmacy<sup>20</sup> and pressure ulcers. Geriatricians have either led or been a major partner in each  
94 of these initiatives.

95 These successes have inspired a generation of junior physicians in various medical and  
96 surgical subspecialties to pursue a career of research and program development that enhances  
97 quality of care and improves health outcomes within their clinical practices. Geriatricians  
98 mentor young, energetic physicians brimming with ideas about how to better serve aging adults  
99 in their practices.<sup>21-24</sup> Numerous medical and surgical subspecialists now attend the annual AGS  
100 meeting and consider the meeting a vibrant venue at which to present their key research findings  
101 and to receive peer review and mentorship from a broad range of expertise. We, as mentors, have  
102 to be able to promote not only geriatrics fellows and junior faculty but also subspecialists  
103 engaged in clinical care, research, training and policy development for an aging population. In  
104 order to accomplish these goals and for geriatrics to be considered a metadiscipline, it is critical  
105 that we accelerate the pace with which we develop, enhance and sustain connections with other  
106 specialty and subspecialty societies, both at an individual level, from the national society and  
107 funding perspectives.

108

### 109 **Enhancing Our Visibility**

110 Aging is often viewed in a negative manner, thus short- and long-term marketing measures need  
111 to be designed and implemented to change engendered societal and cultural mores. We strongly  
112 agree with Drs. Kane, Callahan, Morley, and Pacala that rather than “rebranding” our field for  
113 ourselves, we need to extend our impact through collaborative partnerships with businesses and  
114 policymakers.<sup>2</sup> We understand Dr. Tinetti’s frustration that her fellow geriatricians are being  
115 rather timid about taking credit for our accomplishments. Just as Sheryl Sandberg, Chief  
116 Operating Officer of Facebook, is justified in urging women to “lean in”<sup>25</sup> and change the  
117 conversation from what women *can’t* do to what they *can* do, Dr. Tinetti is equally justified in  
118 encouraging us to focus career discussions on the impact our elite field is having on clinical care,  
119 health system transformation, healthcare policy, and improving the lives of older adults – be  
120 more active in promoting our work. Thus, it is critically important that the AGS engage in: first,  
121 rebranding geriatric medicine as a meta-discipline; second, developing a broad-based marketing  
122 strategy deployable to a wide audience; and, third, partnering with companies like Google and

123 other geriatrics-supportive organizations to raise the intellectual and financial capital necessary  
124 to enhance societal awareness and aggressively market our brand. Equally important is to engage  
125 social media in promoting research. With 34,550 scholarly journals publishing 2.5 million  
126 articles every year, obtaining recognition of a research article requires careful crafting of the  
127 article's message and promotion in social media. While *Impact Factor* measures citations of a  
128 particular journal over the previous 2 years, Altmetrics provides a new way for an individual  
129 article tracked in social media promotion and the attention it receives in real time. These  
130 emerging tools are critical to promote research to our peers, translating the incredible progress  
131 made into practice and being recognized for these contributions.

132

### 133 **Narrowing our field will trim our impact**

134 We respectfully disagree, however, with Dr. Tinetti's suggestion to endorse multimorbidity as  
135 our defining condition. Multimorbidity should be *one* condition we are known for being expert  
136 at addressing, but if we focus on this single "defining condition" not only will we risk burnout  
137 and drive away potential geriatricians who are drawn to the field out of a passion to promote  
138 "healthy aging," but we will also miss out on our unique opportunity to improve the lives of  
139 older adults in other domains who may not have multimorbidity.<sup>26</sup> Individually and collectively,  
140 we need to relentlessly disseminate scientific knowledge about the best ways to prevent physical  
141 and cognitive decline.

142 Besides teaching and promoting principle of geriatrics to all health professionals, our  
143 expertise as clinicians, educators, and scientists committed to caring for older adults positions us  
144 to have a tremendous impact across virtually every sector of society. We need to engage with the  
145 community-at-large, educators and policy-makers to improve educational attainment as well as  
146 physical health in under-resourced communities. Entrepreneurs and engineers need our expertise  
147 to create the most relevant age-friendly products to allow 'aging in place' safely. The television  
148 and movie industries need our expertise on how to create and deploy entertainment products that  
149 are relevant to older audiences and promote healthy aging. As experts in geriatric medicine, it is  
150 our responsibility to have a loud voice in the "anti-aging" world. We are not concerned about  
151 the described need to "achieve consensus on a concise description of geriatrics;" instead, we  
152 embrace a broad and encompassing description of geriatrics that not only allows but encourages  
153 diverse career paths and interdisciplinary collaborations to expand our impact far beyond our

154 small community.

155

## 156 **Way Forward**

157 We should take on this challenge and break it into practical applications. First, we should  
158 ask ourselves: Do we want to promote the field of aging, promote ourselves as geriatricians, or  
159 both? The answer is “both.” Promoting the field of aging is perhaps intuitive — all of us are  
160 aging. Making the case to devote resources to educate and train future experts in geriatric  
161 medicine is more difficult. Indeed, making the case that expertise in aging should be represented  
162 in all aspects of healthcare is the challenge. If we, as a community, agree, let us devote our  
163 energy and resources toward developing and implementing practical strategies.

164 The competencies of our current ‘influencers’ need to be translated into an effective and  
165 scalable mentorship programs sponsored and nurtured by the American Geriatrics Society and its  
166 partner organizations such as but not limited to the Hartford Foundation. The Aging and  
167 Healthcare Policy fellowship is a salient example of such a national mentorship program. The  
168 impact of this fellowship can be magnified by having clinical executive leadership coaching  
169 track embedded within the annual American Geriatrics Society offered for both early and mid-  
170 career geriatric clinicians who are interested in becoming the next generation of influencers. It is  
171 critical that geriatricians are engaged in hospital administration as members and leaders of  
172 committees to ensure that the healthcare systems are designed to meet an aging population.  
173 Furthermore, while developing and evaluating new models of care is complex, it behooves us to  
174 strive for simplicity in programs and tools used by frontline clinicians to enable faster and  
175 broader adoption.<sup>27</sup>

176 In order to achieve these goals, it is critical that our fellowship programs are redesigned  
177 to prepare our fellows to be local and national leaders, be clinical and research mentors to other  
178 specialists, be *disruptors of today’s healthcare system and innovators in redesigning for*  
179 *tomorrow’s*. It is crucial that our training incorporates research, quality improvement,  
180 dissemination, public policy, advocacy, and leadership development.

181 The personality of our entire field can be summarized in a single word: patience.  
182 Geriatricians are elite because of our patience, understanding, bandwidth and passion to be able  
183 to discuss the complexities of what it means to grow old and to be able to view each patient as an  
184 individual with a story to tell. Let us *be passionate and not patient* in defining ourselves within

185 this rapidly evolving healthcare landscape.

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187 **Conflict of Interest Checklist:**

<b>Elements of Financial/Personal Conflicts</b>	<b>Author 1: LM</b>		<b>Author 2: MB</b>		<b>Author 3: UB</b>		<b>Author 4: CS</b>	
	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>No</b>
<b>Employment or Affiliation</b>		X		X		X		X
<b>Grants/Funds</b>		X		X		X		X
<b>Honoraria</b>		X		X		X		X
<b>Speaker Forum</b>		X		X		X		X
<b>Consultant</b>		X		X		X		X
<b>Stocks</b>		X		X		X		X
<b>Royalties</b>		X		X		X		X
<b>Expert Testimony</b>		X		X		X		X
<b>Board Member</b>		X		X		X		X
<b>Patents</b>		X		X		X		X
<b>Personal Relationship</b>		X		X		X		X

188 **For “yes”, provide a brief explanation:**

189

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199

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