

Appendices

Appendix A – PubMed Search Strategy

(mentoring[MeSH] OR mentors[MeSH] OR mentor[tiab] OR mentors[tiab] OR mentoring[tiab] OR mentorship[tiab] OR “mentoring structure”[tiab] OR “mentoring structures”[tiab] OR “mentoring relationship”[tiab] OR “mentoring relationships”[tiab] OR “mentoring environment”[tiab] OR “mentoring environments”[tiab]) AND (“Schools, Medical”[MeSH] OR “Medicine”[MeSH] OR “Students, Medical”[MeSH] OR “medical student”[tiab] OR “medical students”[tiab] OR “medical school”[tiab] OR “medical schools”[tiab] OR medicine[tiab])

Appendix B – Characteristics of Included Articles

Types of Papers

Type of Paper	Number	Papers
Qualitative	12	Arnold et al. 2017 Bhatia et al. 2013 Dobie et al. 2010 Harrison et al. 2014 Haueret al. 2005 Jackson et al. 2003 Kalén et al. 2015 Kalén et al. 2012 Stenfors-Hayes et al. 2010 Straus et al. 2009 Straus et al. 2013 Thomas-MacLean et al. 2011
Quantitative	22	Spence et al. 2018 Manabe et al. 2018 DeFilippis et al. 2016 Devi et al. 2010 Fleming et al. 2013 Goldszmidt et al. 2009 Han et al. 2014 Kwan et al. 2015 Lin et al. 2015 Longo et al. 2011 Luckhaupt et al. 2005 Ludwig et al. 2018 Miedzinski et al. 2009 Morrison et al. 2014 Ramanan et al. 2006 Sakushima et al. 2015 Schmidt et al. 2010 Sheikh et al. 2017 Sozio et al. 2017 Stamm et al. 2011 Sayan et al. 2019 Elez et al. 2018
Mixed qualitative and quantitative	13	Coates et al. 2008 Dimitriadis et al. 2012 Fornari et al. 2014 Hawkins et al. 2014 Ho et al. 2017 Iversen et al. 2014 Kalén et al. 2010 Kukreja et al. 2017 Meinel et al. 2011 Schaferet al. 2015 Usmani et al. 2011 von der Borch et al. 2011 Winston et al. 2012
Descriptive	5	Larkin et al. 2003 Mark et al. 2001 Sanfey et al. 2013 Shamim et al. 2013 Srinivasan et al. 2011
Report	8	Boninger et al. 2010 Gotterer et al. 2010

		Levy et al. 2004 Pinilla et al. 2015 Rothberg et al. 2014 Thomas-Squance et al. 2011 Zier et al. 2009 Zuzuarregui et al. 2015
Editorial	2	Dzau et al. 2015 Toklu et al. 2017
Perspective	1	Fraser et al. 2004
Systematic Review	10	Beech et al. 2013 Frei et al. 2010 Guraya et al. 2016 Ikbalet al. 2017 Kashiwagi et al. 2013 Sambunjak et al. 2010 Sambunjak et al. 2010 Sng et al. 2017 Tan et al. 2018 Farkas et al. 2019
Literature Review	3	Buddeberg-Fischer et al. 2006 Davis et al. 2010 Ottenheijm et al. 2008

Time Point of Paper	Number	Papers
Retrospective	42	Arnold et al. 2017 Bhatia et al. 2013 DeFilippis et al. 2016 Devi et al. 2010 Dobie et al. 2010 Fomari et al. 2014 Goldszmidt et al. 2009 Han et. al 2014 Harrison et al. 2014 Hauer et al. 2005 Hawkins et al. 2014 Ho et al. 2017 Iversen et al. 2014 Jackson et al. 2003 Kalén et al. 2015 Kalén et al. 2012 Kalén et al. 2010 Kukreja et al. 2017 Kwan et al. 2015 Longo et al. 2011 Luckhaupt et al. 2005 Ludwig et al. 2018 Meinel et al. 2011 Miedzinski et al. 2009 Morrison et al. 2014 Ramanan et al. 2006 Sakushima et al. 2015 Schafer et al. 2015 Schmidt et al. 2010 Sheikh et al. 2017 Sozio et al. 2017 Stenfors-Hayes et al. 2010 Straus et al. 2009 Straus et al. 2013

		Thomas-MacLean et al. 2011 Usmani et al. 2011 von der Borch et al. 2011 Winston et al. 2012 Tan et al. 2018 Spence et al. 2018 Manabe et al. 2018 Farkas et al. 2019
Prospective	7	Coates et al. 2008 Dimitriadis et al. 2012 Fleming et al. 2013 Lin et al. 2015 Stamm et al. 2011 Sayan et al. 2019 Elez et al. 2018

Who were interviewed/ surveyed?

Addressed	Number	Papers
Mentors	6	Dobie et al. 2010 Jackson et al. 2003 Luckhaupt et al. 2005 Stenfors-Hayes et al. 2010 Usmani et al. 2011 Elez et al. 2018
Mentees	34	Arnold et al. 2017 Boninger et al. 2010 Coates et al. 2008 DeFilippis et al. 2016 Devi et al. 2010 Dimitriadis et al. 2012 Goldszmidt et al. 2009 Gotterer et al. 2010 Han et al. 2014 Harrison et al. 2014 Hauer et al. 2005 Ho et al. 2017 Kalén et al. 2015 Kalén et al. 2012 Kalén et al. 2010 Kwan et al. 2015 Levy et al. 2004 Lin et al. 2015 Ludwig et al. 2018 Morrison et al. 2014 Pinilla et al. 2015 Ramanan et al. 2006 Rothberg et al. 2014 Sakushima et al. 2015 Schafer et al. 2015 Schmidt et al. 2010 Sozio et al. 2017 Stamm et al. 2011 Thomas-Squance et al. 2011 Zier et al. 2009 Zuzuarregui et al. 2015 Manabe et al. 2018 Spence et al. 2018

Both mentees and mentors	12	<p>Sayan et al. 2019</p> <p>Bhatia et al. 2013</p> <p>Fleming et al. 2013</p> <p>Hawkins et al. 2014</p> <p>Kukreja et al. 2017</p> <p>Longo et al. 2011</p> <p>Miedzinski et al. 2009</p> <p>Sheikh et al. 2017</p> <p>Straus et al. 2009</p> <p>Straus et al. 2013</p> <p>Thomas-MacLean et al. 2011</p> <p>von der Borch et al. 2011</p> <p>Winston et al. 2012</p>
Host organization	2	<p>Fornari et al. 2014</p> <p>Meinel et al. 2011</p>
Mentees, mentors and host organization	1	Iversen et al. 2014