**Appendix Table D6. Map of studies included in Truong 2014 review of systematic reviews, with focus on provider training—racial/ethnic populations**

| **Study** | **Aims** | **Provider Training in Scope** | **Number of Included Studies** | **Map to Our Review: Inside or Outside Our Scope; Inclusion of Provider Training** | **Results for Provider Training** |
| --- | --- | --- | --- | --- | --- |
| Anderson, 2003[55](#_ENREF_55) | To review interventions to improve cultural competence in healthcare systems (provider training, translation, tailored media, recruitment of diverse staff, and culturally specific settings) | Yes and broader | 6 | Outside: translation, health education material  Training – 1 study | 1 RCT (Wade, 1991) in Horvat |
| Beach, 2005[56](#_ENREF_56) | To synthesize the findings of studies evaluating educational interventions to improve the cultural competence of health professionals | Yes | 34 | Training: 34 studies | There is good evidence that cultural competence training improves staff knowledge, attitudes, and skill, and that the provision of training to staff improves patient satisfaction. Evidence to show improvements in patient adherence was poor and no studies reported patient health outcomes. |
| Bhui, 2007[57](#_ENREF_57) | A systematic review that included evaluated models of cultural competence training or service delivery | Yes and broader | 9 | Training: 3 with quantitative outcomes, 1/3 reporting prevalence of services  Inside: service delivery – 1 study, case series only | 2 pre-post studies with positive results for provider behavior and satisfaction, no patient outcomes |
| Chipps, 2008[58](#_ENREF_58) | To review studies evaluated cultural competence training in community-based rehabilitation settings | Yes | 5 | Training: 5 studies | 3/5 studies overlap with Horvat (Wade, Thom, Majumdar)  2/5 studies overlap with Beach (Wade, Smith) |
| Downing, 2011[59](#_ENREF_59) | To review approaches to indigenous cultural training for health workers in Australia | Yes, but outside our scope | 9 | Outside: training within Australia | N/A |
| Fisher, 2007[60](#_ENREF_60) | To review interventions (that modified patient behavior, access, or the health care system) using cultural leverage to narrow racial disparities in health care | Yes and broader | 38 (35  unique  studies) | 34/35 lacked comparison to test CC  Training: 1 study | 1 study (Briscoe, 1999), pre-post: 10-30% of participants implemented cultural strategies at 6 month followup |
| Forsetlund, 2010[61](#_ENREF_61) | To review interventions to improve health care services for ethnic minorities | Yes and broader | 19  RCTs | Training: 8 studies, 5/8 not on CC  Outside: translation, matching, or not CC (reminders, care organization) | 3 CC training studies, all in Horvat (Wade, Thom, Harmsen) |
| Harun, 2013[62](#_ENREF_62) | To review interventions to improve 3 aspects of participation in cancer care among CALD groups: involvement in decisionmaking, communication with health providers and treatment adherence | No | 7 | In scope/no comparison: patient navigation (3 studies)  Outside: culturally tailored video, individualized decision support software | N/A |
| Attridge, 2014[63](#_ENREF_63)  (updated – Truong included earlier version) | To assess the effectiveness of culturally appropriate health education for people in ethnic minority groups with type 2 diabetes mellitus | No | 33 | In scope  32/33 lacked comparison to test CC  1/33 included: D’Eramo Melkus | N/A |
| Henderson, 2011[64](#_ENREF_64) | To review the literature on the effectiveness of culturally appropriate interventions to manage or prevent chronic disease in CALD communities | Yes and broader | 24 | Training:4 studies, 1/4 outside scope (translation)  Outside: translation, culturally tailored media, establishment of point-of-care testing  In scope: culturally tailored interventions (CHW, 16 studies)  16/16 no comparison | 1/4 studies in Horvat (Majumdar), 1 pre/post study (Chevannes et al. 2002) and 1 longitudinal study (Schim et al. 2006) reported improved provider knowledge/attitudes |
| Kehoe, 2003[65](#_ENREF_65)  good early discussion of intensity/duration | To review culturally relevant healthcare interventions, and their effect on health outcomes | No | 14 | In scope/no comparison: culturally tailored interventions (12 studies)  Outside: media only | N/A |
| Kokko, 2011[66](#_ENREF_66) | To describe the learning experiences of nursing students studying abroad | Yes, but outside our scope | 7 | Training | N/A |
| Lie, 2011[67](#_ENREF_67) | To review the effects of cultural competency training on patient-centered outcomes | Yes | 7 | Training: 7 studies | 4/7 overlap with Horvat (Wade, Majumdar, Thom, Sequist)  2 pre/post studies reported improved evaluations of care (patient family satisfaction, perceived environmental changes favoring their interests and 'ethnic affinity' toward staff), 1 pre/post study reported improvement in provider perception of communication |
| Lu, 2012[68](#_ENREF_68) | To synthesize knowledge about the effectiveness of cancer screening interventions targeting Asian women | Yes, but outside our scope | 37 | Cancer screening interventions, sometimes culturally tailored, lack of design to test CC | N/A |
| McQuilkin, 2012[69](#_ENREF_69) | To evaluate the effectiveness of educational strategies for cultural competence of undergraduate baccalaureate nursing students | Yes, but outside our scope | 37 (16 interventions) | Training | N/A |
| Pearson, 2007[70](#_ENREF_70) | To evaluate evidence on the structures and processes that support development of effective culturally competent practices and a healthy work environment | Yes | 19 | Training: 2 quantitative studies (outside scope, matching), 4 qualitative, 13 textual | N/A |
| Smith, 2006[71](#_ENREF_71) | To examine the effectiveness of multicultural education in mental health care professions | Yes | 37 on interventions | Training: 37 studies, lack of detail on individual studies and outcomes | N/A |
| Sumlin, 2012[72](#_ENREF_72) | To synthesize research that tested culturally competent food-related interventions designed for African American women with type 2 diabetes | No | 15 | In scope/no comparison (15 studies)  Culturally tailored interventions or targeted not tailored | N/A |
| Whittemore, 2007[73](#_ENREF_73) | To synthesize the research on culturally competent interventions for Hispanic adults with type 2 diabetes | No | 11 | In scope, culturally tailored interventions10/11 no comparison,1/11 not on CC | N/A |

CALD=culturally and linguistically diverse; CC=cultural competence; N/A=not applicable