Conclusion and Discussion

The FLCs is one of the main professional development strategies in higher education in Taiwan. The experience of universities and faculties that implemented this strategy showed that the FLCs method can indeed offer the opportunity for teacher interaction and encourage teachers to join professional discussion. But in most universities, the funding comes from the short-term MOE projects and is only temporary. If we want to make this strategy a long-standing, universities should fund communities on a basis of stable funding policy from the school's own funding in addition to the funding coming from temporary projects. Moreover, the key to the success of the community is matching the needs of teachers and helping teachers feel comfortable when using this strategy to improve their profession. The university regulations concerning the use of education funding and the administrative processing are not user-friendly to the teachers and they even increase teachers' workloads. If we can increase the flexibility and decrease the inconvenience for carrying out the community method, the effectiveness of faculty learning community would increase. Furthermore, the effectiveness of faculty learning community depends not only on the support of university management but also on teachers' enthusiasm and involvement. Teachers should seize the opportunity to join the community, help their universities realize their professional development needs, and make good use of this resource to improve their profession.

參考文獻

- 丁一顧(2011)。教師專業學習社群與教師集體效能感關係模式驗證之研究。屏東教育大學學報:教育類,37,1-26。
- [Ting, Y.-K. (2011). Study of verification of relation model of professional learning community and collective teacher efficacy. *Journal of National Pingtung University of Education. Education*, *37*, 1-26.]

 天下雜誌(2012)。四成教授:臺灣教育制度無助提升學生素質。2012年 12月8日。取自 http://www.cw.com.tw/article/article.action?id=5043846
[Commonwealth. (2012). Forty percent professors: The education system in Taiwan can't improve the quality of students. Retrieved December 8, 2012. from http://www.cw.com.tw/article/article.action?id=5043846]

- 吳清山(2007)。內憂外患轉新機:高等教育現況之 SWOT 分析。載於國 立臺灣大學研究發展處(主編),任務與願景— —發展國際一流大學 及頂尖教育中心(頁 74-105)。臺北市:國立臺灣大學出版中心。
- [Wu, C. S. (2007). The crisis is an opportunity: The SWOT analysis of the situation of higher education. In Office of Research and Development, National Taiwan University. (Ed.), Mission and vision: Development plan for world class universities and research centers of excellence (pp. 74-105). Taipei, Taiwan: National Taiwan University Press.]
- 吳清山(2010)。從教師 MP3 談教師專業學習社群的營造。教師天地, 169 · 12-19 ·
- [Wu, C. S. (2010). The construction of a professional learning community: A discussion based on teachers' MP3. New Horizon Bimonthly for Teachers in Taipei, 169, 12-19.]
- 吳清山、林天祐(2010)。專業學習社群。教育研究月刊,191,125-126 °
- [Wu, C. S., & Lin, T. Y. (2010). Professional learning community. Journal of Education Research, 191, 125-126.]
- 宋玫玫、張德勝(2008)。大學校院教師對學校工作環境滿意度之研究。 花蓮教育大學學報,26,155-178。
- [Song, M.-M., & Chang, T.-S. (2008). University faculty satisfaction toward work environment. Journal of National University of Education, 26, 155-178.]
- 杜娟娟(2002)。教學與研究——大學教師的工作投入時間。屏東師院學 報,**17**,135-174。
- [Du, J. (2002). Teaching and research-time involved of university professors. Journal of Pingtung Teachers College, 17, 135-174.]
- 林思伶、蔡進雄(2005)。論凝聚教師學習社群的有效途徑。教育研究月刊, 132 · 99-109 ·
- [Lin, S. L., & Tsai, C.-H. (2005). An effective way to build a faculty learning community. Journal of Education Research, 132, 99-109.]

- 孫志麟(2007)。績效控制或專業發展?大學教師評鑑的兩難。**教育實踐** 與研究,20(2),95-128。
- [Sun, C.-L. (2007). Accountability control or professional development? A dilemma of faculty evaluation in university. *Journal of Educational Practice and Research*, 20(2), 95-128.]
- 張新仁、王瓊珠、馮莉雅(編)(2009)。中小學教師專業學習社群手冊(再版)。臺北市:教育部。
- [Chang, S.-J., Wang, C.-C., & Feng, L.-Y. (Eds.). (2009). Handbook of schoolbased professional learning community (2nd ed.). Taipei, Taiwan: Ministry of Education.]
- 張素貞、吳俊憲(2012)。大學與學校專業夥伴合作之個案研究——以專業學習社群為焦點。教育研究與發展期刊,8(1),1-30。
- [Chang, S.-C., & Wu, C.-H. (2012). A case study on the professional partnership between university and school: Focusing on the professional learning community. *Journal of Educational Research and Development*, 8(1), 1-30.]
- 張德銳、王淑珍(2010)。教師專業學習社群在教學輔導教師制度中的發展與實踐。臺北市立教育大學學報──教育類,41(1),61-90。
- [Chang, D., & Wang, S.-C. (2010). The development and practice of teacher professional learning community in the mentor teacher program. *Journal of Taipei Municipal University of Education: Education*, 41(1), 61-90.]
- 教育部(2012)。中華民國教育統計(民國 101 年版)。臺北市:作者。
- [Ministry of Education. (2012). *Education statistics: The Republic of China* (2012 edition). Taipei, Taiwan: Author.]
- 許雅惠(譯)(2002)。P. Jarvis 著。成人及繼續教育——理論與實務。臺 北市:五南。
- [Jarvis, P. (2002). *Adult and continuing education: Theory and practice* (Y. H. Hus, Trans.). Taipei, Taiwan: Wunan. (Original work published 1995)]
- 陳延睿(2011)。大學教師社群發展之個案研究。國立東華大學課程設計 與潛能開發學系碩士論文,未出版,花蓮市。
- [Chen, Y.-J. (2011). A case study on the development of university faculty communities. Unpublished master's thesis, National Dong Hwa University,

Council of Adult Education of the Republic of China. (Ed.), *Effective* adult teaching (pp. 267-291). Taipei, Taiwan: National Normal University Book.]

- 魏美惠、鄭仲育(2006)。大學生心目中的好老師:研究、教學或服務能 力之調查研究。花蓮教育大學學報,23,103-129。
- [Wei, M.-H., & Cheng, D.-Y. (2006). The study on Taiwanese college students' perspectives of good college teachers based on teachers' research ability, instruction ability, and community service ability. Journal of National Hualien University of Education, 23, 103-129.]
- Beavers, A. (2009). Teachers as learners: Implications of adult education for professional development. Journal of College Teaching & Learning, 6(7), 25-30.
- Blaisdell, M. L., & Cox, M. D. (2004). Midcareer and senior faculty learning communities: Learning throughout faculty careers. New Directions for Teaching and Learning, 2004(97), 137-148.
- Chen, C. Y. (2011). The Application of Teaching Quality Improvement Strategies *in Higher Education*. Paper presented at Asia-Pacific Association for International Education 2011 Conference, Taipei, Taiwan.
- Cox, M. D. (2002). The role of community in learning: Making connections for your classroom and campus, your students and colleagues. In G. S. Wheeler (Ed.), Teaching & learning in college: A resource for educators (pp. 1-38). Elyria, OH: Info-Tec.
- Cox, M. D. (2004). Introduction to faculty learning communities. In M. D. Cox & L. Richlin (Eds.), Building faculty learning communities: New directions for teaching and learning, number 97 (pp. 5-23). San Francisco, CA: Jossey-Bass.
- DuFour, R., & Eaker, R. (1998). Professional learning communities at work: Best practices for enhancing student achievement. Bloomington, IN: National Educational Service.
- Dunkin, M. J. (1994). Award winning university teachers' beliefs about teaching versus research. Higher Education Research & Development, 13(1), 85-91.
- Gillespie, K. J., Robertson, D. L., & Bergquist, W. H. (2010). A guide to faculty development. San Francisco, CA: Jossey-Bass.

44

Council of Adult Education of the Republic of China. (Ed.), *Effective* adult teaching (pp. 267-291). Taipei, Taiwan: National Normal University Book.]

- 魏美惠、鄭仲育(2006)。大學生心目中的好老師:研究、教學或服務能 力之調查研究。花蓮教育大學學報,23,103-129。
- [Wei, M.-H., & Cheng, D.-Y. (2006). The study on Taiwanese college students' perspectives of good college teachers based on teachers' research ability, instruction ability, and community service ability. Journal of National Hualien University of Education, 23, 103-129.]
- Beavers, A. (2009). Teachers as learners: Implications of adult education for professional development. Journal of College Teaching & Learning, 6(7), 25-30.
- Blaisdell, M. L., & Cox, M. D. (2004). Midcareer and senior faculty learning communities: Learning throughout faculty careers. New Directions for Teaching and Learning, 2004(97), 137-148.
- Chen, C. Y. (2011). The Application of Teaching Quality Improvement Strategies *in Higher Education*. Paper presented at Asia-Pacific Association for International Education 2011 Conference, Taipei, Taiwan.
- Cox, M. D. (2002). The role of community in learning: Making connections for your classroom and campus, your students and colleagues. In G. S. Wheeler (Ed.), Teaching & learning in college: A resource for educators (pp. 1-38). Elyria, OH: Info-Tec.
- Cox, M. D. (2004). Introduction to faculty learning communities. In M. D. Cox & L. Richlin (Eds.), Building faculty learning communities: New directions for teaching and learning, number 97 (pp. 5-23). San Francisco, CA: Jossey-Bass.
- DuFour, R., & Eaker, R. (1998). Professional learning communities at work: Best practices for enhancing student achievement. Bloomington, IN: National Educational Service.
- Dunkin, M. J. (1994). Award winning university teachers' beliefs about teaching versus research. Higher Education Research & Development, 13(1), 85-91.
- Gillespie, K. J., Robertson, D. L., & Bergquist, W. H. (2010). A guide to faculty development. San Francisco, CA: Jossey-Bass.

44

- Glowacki-Dufka, M., & Brown, M. P. (2007). Professional development through faculty learning communities. New Horizons in Adult Education and Human Resource Development, 21(1/2), 29-39.
- Green, R. G. (2008). Tenure and promotion decisions: The relative importance of teaching, scholarship, and service. Journal of Social Work Education, 44, 117-128.
- Gregson, J. A., & Sturko, P. A. (2007). Teachers as adult learners: Reconceptualizing professional development. MPAEA Journal of Adult Education, 36(1), 1-18.
- Harwood, A. M., Ochs, L., Currier, D., Duke, S., Hammond, J., Moulds, L., et al. (2005). Community for growth: Cultivating and sustaining servicelearning teaching and scholarship in a faculty fellows program. Michigan Journal of Community Service Learning, 12(1), 41-51.
- Hershberger, A., Cesarini, P., Chao, J., Mara, A., Rajaei, H., & Madigan, D. (2005). Balancing acts: Tenure-track faculty in learning community. Academe, 91(4), 44-48.
- Hord, S. M. (2004). Professional learning communities: An overview. In Author (Ed.), Learning together, leading together: Changing school through professionallearning communities (pp. 5-14). New York: Teachers College Press.
- Knowles, M. S., Holton E. F., III, & Swanson, R. A. (2005). The adult learner: The definitive classic in adult education and human resource development (6th ed.). Boston, MA: Elsevier.
- Miami University. (n.d.). What is a faculty and professional learning community? Retrieved January 28, 2013. from http://www.units.muohio. edu/flc/whatis.php
- Parker, J. (2008). Comparing research and teaching in university promotion criteria. Higher Education Quarterly, 62, 237-251.
- Richlin, L., & Essington, A. (2004). Overview of faculty learning communities. In M. D. Cox & L. Richlin (Eds.), Building faculty learning communities: New directions for teaching and learning, number 97 (pp. 25-39). San Francisco, CA: Jossey-Bass.
- Shulman, G. M., Cox, M. D., & Richlin, L. (2004). Institutional considerations in developing a faculty learning community program. In M. D. Cox & L.

45

Richlin (Eds.), *Building faculty learning communities: New directions for teaching and learning, number 97* (pp. 41-49). San Francisco, CA: Jossey-Bass.

- Sirum, K. L., Madigan, D., & Klionsky, D. J. (2009). Enabling a culture of change: A life science faculty learning community promotes scientific teaching. *Journal of College Science Teaching*, 38(3), 24-30.
- Smith, T. R., McGowan, J., Allen, A. R., Johnson, W. D., II, Dickson, L. A., Jr., Najee-ullah, M. A., et al. (2008). Evaluating the impact of a faculty learning community on STEM teaching and learning. *The Journal of Negro Education*, 77, 203-226.
- Trotter, Y. D. (2006). Adult learning theories: Impacting professional development programs. *Delta Kappa Gamma Bull*, 72(2), 8-13.
- Vardi, I., & Quin, R. (2011). Promotion and the scholarship of teaching and learning. *Higher Education Research & Development*, 30(1), 39-49.