

PERSONAL INFORMATION    Lorenzo Bordogna

## WORK EXPERIENCE

- 2000 – 2020 (Oct) Full professor of Economic Sociology
- 2002 (December) – : Dipartimento di Studi del Lavoro e del Welfare (since 2010 Dipartimento di Scienze Sociali e Politiche), University of Milano, via Conservatorio 7, 20143, Milano
  - 2000 – 2002: University of Brescia, Faculty of Economics
- 1988 – 2000 Associate professor of Economic Sociology, University of Brescia, Faculty of Economics
- 1981 – 1987 Assistant professor (researcher) of Economic Sociology, University of Trento

ACADEMIC  
RESPONSIBILITIES

- 2015 – 2018 President of the Independent Appraisal Committee, University of Milano
- 2015 – 2016 Member of the Group of Experts of Evaluation (Area 14, coordinator of the sociological sectors), in the Exercise of Evaluation of the Quality of Research 2011-2014 (VQR 2011-2014), of the National Agency for the Evaluation of the University and of the Research (ANVUR)
- 2010 – 2015 Coordinator of the Ph.D. Program in Labour Studies, later Ph.D. Program in Economic Sociology and Labour Studies, University of Milano

- 2008 – 2012 President of the Master Degree Course in Administrations and Public Policies,  
University of Milano
- 2004 – 2008 Head of the Department of Labour and Welfare Studies
- 2000 – 2002 Coordinator of the Ph.D. Program in Economic Sociology, University of Brescia

**EDUCATION** 

- 1973 Degree (summa cum laude) in Sociology  
University of Trento - Italy
- 1968 (July) High school degree (classic lyceum)
- 1963-1968 Classic Lyceum A. Volta – Como

## PERSONAL SKILLS

Mother language Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C2	C2	C2
French	B2	B2	B1	B1	B1

Computer skills ▪ Microsoft Office; SPSS

Driving licence ▪ B

SCHOLARSHIPS/  
FELLOWSHIPS

- 1974-1980 Scholarships of the CNR (National Research Council) at the University of Trento
- 1980 Sept -1981 August Harvard University (Cambridge – MA), Center for European Studies. Research fellowship of the German Marshall Fund of the United States (Washington D.C.).  
Selecting Committee:  
Orley Ashenfelter (Princeton University – later President of the American Society of Labor Economists and of the American Economic Association and Editor of the American Economic Review 1985-2001)  
Peter Gourevitch (University of California – San Diego)  
Lorna Marsden (University of Toronto)  
Kenneth Newton (University of Dundee – Scotland)

**1982 July-1983 March**

MIT (Cambridge – MA), Sloan School of Management, Industrial Relations Unit.  
Research fellowship of the Social Sciences Research Council of the United States (New York, N.Y.)

Selecting Committee:  
Anthony Giddens (LSE)  
John Goldthorpe (Nuffield College – Oxford)  
Charles Maier (Harvard University)

## RESEARCH FUNDS (SELECTION)

### EU PROJECTS

(DG Employment, Social Affairs and Inclusion), selected on a competitive procedure

**2014**

Call for proposal VP/2013/0362 - Industrial Relations and Social Dialogue, Progetto "New challenges for public services social dialogue: Integrating service user and workforce involvement to support the adaptation of social dialogue" (responsabile dell'Unità di Ricerca italiana; coordinatore scientifico: Prof. Stephen Bach, King's College London).

**2012**

Call for proposal VP/2011/001 - Industrial Relations and Social Dialogue, Progetto "Social dialogue and the public services in the aftermath of the economic crisis: strengthening partnership in an era of austerity" (responsabile dell'Unità di Ricerca italiana; coordinatore scientifico: Prof. Stephen Bach, King's College London)

### ITALIAN PRIN-MIUR (selected on a competitive procedure)

**2008-2011**

"Relazioni industriali, contrattazione collettiva e rappresentanza: una survey in linea con le migliori prassi internazionali" (chief national responsible)

**2006-2008**

"Privatizzazione e liberalizzazione in Italia e in Europa. Problemi di governance ed effetti sulla regolazione del lavoro" (chief national responsible)

## OTHER INFORMATION

### REFEREE ACTIVITY

European Journal of Industrial Relations; Economic and Industrial Democracy; Employee

Relations; Labor Studies Journal; Transfer – European Review of Labour and Research; Public Administration; International Review of Administrative Sciences; International Journal of Public Administration; Modern Italy; Stato e Mercato; Giornale di Diritto del Lavoro e di Relazioni industriali; Quaderni di Rassegna Sindacale; Rivista Giuridica del Lavoro.

#### COLLABORATIONS WITH RESEARCH INSTITUTES AND OTHER INSTITUTIONS

CESOS, Centro Studi Economici, Sociali e Sindacali (Roma); CNEL; ILO (Ginevra); ARAN; COMMISSIONE DI GARANZIA per l'applicazione della legge sull'esercizio dello sciopero nei servizi pubblici essenziali; EUROPEAN FOUNDATION FOR THE IMPROVEMENT OF LIVING AND WORKING CONDITIONS (Dublino); EUROPEAN COMMISSION – DIRECTORATE GENERAL FOR EMPLOYMENT, SOCIAL AFFAIRS AND INCLUSION e INSTITUTE FOR EMPLOYMENT STUDIES (London), incarico nel 2011 per uno studio su 'Public sector industrial relations in transition' (pubblicato su EU Commission, *Industrial Relations in Europe 2012*, Luxembourg 2013, ch. 3, pp. 93-127, in collaborazione con Roberto Pedersini)

## PUBLICATIONS

**Books, edited books, edited special issues of Journals**

2019 (with R. Pedersini)

*Relazioni industriali. L'esperienza italiana nel contesto internazionale*, Bologna: Il Mulino, pp. 1-307  
(ISBN: 978-88-15-26757-3)

2018

*Social dialogue in the public service in selected countries of the European Union*, Geneva: ILO WP 318, pp. 1-36 (ISBN: 978-92-2-030825-7)

2016 (ed with S. Bach)

*Public Service Management and Employment Relations: Emerging from the Crisis*, London, New York: Routledge, 1-328.

2013 (guest editor with S. Bach)

*Reframing Public Service Employment Relations*, Special Issue of "European Journal of Industrial Relations" 19(4): 279-389.

2013 (ed with Pedersini R. e Provasi G.)

*Lavoro, mercato, istituzioni. Scritti in onore di Gian Primo Cella*, Milano: Angeli Editore, 1-623.

2011 (guest editor with S. Bach)

*Varieties of New Public Management? Public Service Employment Relations in Transition*, Special Issue of "The International Journal of Human Resource Management", vol. 22, 11, June, 2281-2383.

2008 (guest editor with Linda Dickens)

*Regulating and Resolving Collective Disputes in Public Services*, Symposium in "Journal of Industrial Relations", 50, 4, 539-645.

2007

*Industrial Relations in the Public Sector*, Dublin: European Foundation for the Improvement of Living and Working Conditions, EIROOnline, Comparative Studies, available online at:  
[\[http://www.eurofound.europa.eu/eiro/studies/tn0611028s/tn0611028s.htm\]](http://www.eurofound.europa.eu/eiro/studies/tn0611028s/tn0611028s.htm).

2004 (ed with A. Ponzellini)

*Qualità del lavoro e qualità del servizio negli ospedali. Organizzazione del lavoro e partecipazione dei lavoratori in Italia e in Francia*, Roma: Carocci, 1-183.

2003 (ed with F. Guarriello)

*Aver voce in capitolo. Società europea e partecipazione dei lavoratori nell'impresa*, Edizioni Lavoro, Roma, 1-270.

2002 (ed)

*Contrattazione integrativa e gestione del personale nelle pubbliche amministrazioni. Un'indagine sull'esperienza del quadriennio 1998-2001*, Angeli, Milano, 1-304.1999 (ed with Bach S., Della Rocca G., and Winchester D.), *Public Service Employment Relations in Europe: Transformation, Modernization or Inertia?*, London: Routledge, 1-244.

1997 (ed with L. Bellardi)

*Relazioni industriali e contrattazione aziendale. Continuità e riforma nell'esperienza italiana recente*, Milano: Angeli, 1-201.

1994

*Pluralismo senza mercato. Rappresentanza e conflitto nel settore pubblico*, Milano: Angeli, 1-247.

1986

*Relazioni industriali e territorio. Negoziazione e conflitto collettivo nel Trentino*, F. Angeli, Milano (in collaboration with Strati A., Mereu S. and Gherardi S.), 1-204.

1986

*Le politiche regionali del lavoro. I casi del Tirolo, Baviera, Svezia e Francia*, F. Angeli, Milano, (in collaboration with Rungaldier V. and Kemeny P.), 1-160.

1984

*Politica, economia e rappresentanza degli interessi*, Il Mulino, Bologna, (in collaboration with G. Provasi), 1-274.

## PUBLICATIONS

## Articles in Journals (selection of the last 20 years)

2019

*L'accordo Confindustria –sindacati del 9 marzo 2018 su relazioni industriali e contrattazione collettiva*, in **Giornale di Diritto del Lavoro e di Relazioni Industriali**, XLI (1), pp. 37-57.

2018

*Conflitti di lavoro: un vuoto di informazione ormai decennale*, **Giornale di Diritto del Lavoro e di Relazioni Industriali**, XL (3), pp. 703-708.

2016

*Uscire dall'Euro? Né realistico né desiderabile*, in **Quaderni di Rassegna Sindacale**, 1: 51-60.

2015

*What Kind of Europeanization? How EMU Is Changing National Industrial Relations in Europe*, **Giornale di Diritto del Lavoro e di Relazioni Industriali**, XXXVII (2), pp. 183-230 (with Roberto Pedersini).

2013

*Reframing public service employment relations: The impact of economic crisis and the new EU economic governance*, **European Journal of Industrial Relations**, 19(4): 279-294 (with Stephen Bach).

2013

*Economic crisis and the politics of public service employment relations in Italy and France*, **European Journal of Industrial Relations**, 19(4): 325-340 (with Roberto Pedersini).

2012

*Employment Relations and Union Action in the Italian Public Services – Is there a Case of Distortion of Democracy?*, **Comparative Labor Law and Policy Journal**, vol. 34 (2) Winter: 507-530.

2011

*La regolazione del lavoro nel capitalismo che cambia: fosche prospettive?* **Stato e Mercato**, vol. 2012, pp. 15-28.

2011

*Varieties of new public management or alternative models? The reform of public service employment relations in industrialised democracies*, **International Journal of Human Resource Management**, 22(11) 2281-2294 (with Stephen Bach).

2011

*Convergence towards an NPM programme or different models? Public service employment relations in Italy and France*, **International Journal of Human Resource Management**, 22(11) 2311-2330 (with Stefano Neri).

2010

*Strikes in Europe: Still a Decade of Decline or the Eve of a New Upsurge?*, **Indian Journal of Industrial Relations**, 45(4): 658-670.

2008

*Moral Hazard, Transaction Costs and the Reform of Public Service Employment Relations*, **European Journal of Industrial Relations**, 14, 4, pp. 381-440.

2008

*Public Service Dispute Management: Pertinence of Comparative Study*, **Journal of Industrial Relations**, n. 4, pp. 539-544 (with Linda Dickens).

2008

*Dispute Regulation in Essential Public Services in Italy: Strengths and Weaknesses of the 'Pluralist Approach'*, **Journal of Industrial Relations**, n. 4, pp. 595-611.

2005

*Between 'beneficial constraints' and 'regime competition': The dilemmas of the transposition into national legislation of the directive on Employee Involvement in the European Company (SE)*, **Transfer**, 2, pp. 249-255.

2003

*Il decentramento della contrattazione nel settore pubblico: opportunità, condizioni e possibili effetti inattesi*, **Diritto delle Relazioni Industriali**, 3/XIII: 441-455.

2002

*Decline or Transformation? Change in Industrial Conflict and its Challenges*, **Transfer** n. 4, pp. 586-607 (with G.P. Cella).

2001

*Relazioni industriali e gestione delle risorse umane nelle piccole imprese*, **Giornale di Diritto del Lavoro e di Relazioni Industriali**, 2, 90: 209-231 (with Roberto Pedersini).

1999

*Admission, Exclusion, Correction. The Changing Role of the State in Industrial Relations*, **Transfer**, n. 1-2, pp. 145-33 (with G. P. Cella).

1996

*Wage Bargaining and Industrial Relations Under the Single European Currency. The Problem of the Relationships between EMU and non-EMU Countries*, **Transfer**, n. 2, pp. 298-315.



## PUBLICATIONS

## Chapters in books (selection of the last 20 years)

2017

Il lavoro pubblico in Europa dopo la crisi: un'analisi comparata, in DELL'ARINGA C., DELLA ROCCA G. (eds), *Lavoro pubblico fuori dal Tunnel? Retribuzioni, produttività, organizzazione*, Bologna: Il Mulino, pp. 39-62.

2016

Emerging from the Crisis: The Transformation of Public Service Employment Relations? (with S. Bach), in BACH S., BORDOGNA L. (eds), *Public Service Management and Employment Relations: Emerging from the Crisis*, London, New York: Routledge, pp. 1-28.

2016

Italy: The Uncertainties of Endless Reform: Public Service Employment Relations Confronting Financial Sustainability Constraints, in BACH S., BORDOGNA L. (eds), *Public Service Management and Employment Relations: Emerging from the Crisis*, London, New York: Routledge, pp. 84-111.

2014

Gli alberi e la foresta: le relazioni industriali nella globalizzazione, in CORAZZA L., ROMEI R. (eds), *Diritto del lavoro in trasformazione*, Bologna: Il Mulino, pp. 65-80.

2014

Il lavoro pubblico: problemi aperti. In LEVI S., *Reinventare il pubblico*, Milano: Pearson, p. 147-164.

2013

Public Sector Industrial Relations in Transition, in EUROPEAN COMMISSION (ed), *Industrial Relations in Europe 2012*, Luxembourg: Publications Office of the European Union, p. 93-127 (with Roberto Pedersini).

2013

Le relazioni industriali italiane tra globalizzazione, incertezza delle parti e ruolo dell'attore pubblico. Un decennio perduto o un declino inevitabile? In BORDOGNA L., PEDERSINI R., PROVASI G. (eds), *Lavoro, Mercato, Istituzioni. Scritti in onore di Gian Primo Cella*, pp. 409-423.

2013

Conoscere per negoziare e per decidere. Una base informativa per protagonisti e studiosi delle relazioni industriali, in CARRIERI M., TREU T. (eds), *Verso nuove relazioni industriali*, Bologna. Il Mulino (con Roberto Pedersini), pp. 277-292.

2012

Oltre il New Public Management: le lezioni di un ventennio di riforme del lavoro pubblico in Italia e in Europa, in LUCIFORA C. (ed), *Occupazione e salari in Italia: problemi e prospettive. Studi in onore di Carlo Dell'Aringa*, Milano: Vita e Pensiero, pp. 103-123.

2009

Per una maggiore autonomia dell'alta dirigenza pubblica, in DELL'ARINGA C., TREU T. (eds), *Le riforme che mancano. Trentaquattro proposte per il welfare del futuro*, Bologna: Il Mulino, pp. 393-411.

2009

Un modello unico per pubblico e privato? Rotorica, realtà e necessarie cautele, in CARRIERI M., NASTASI V. (eds), *Spazio e ruolo delle Auronomie della riforma della contrattazione pubblica*, Bologna: Il Mulino, pp. 263-283.

2009

La riforma della Pubblica amministrazione, in MASCINI M. (eds), *L'Annuario del lavoro 2009. Le relazioni industriali nell'anno della crisi*, Roma: Edizioni Il Diario del Lavoro, p. 311-321.

2008

La contrattazione decentrata nella riforma del lavoro pubblico. Problemi e prospettive, in TURSI A., PERITI E. (eds), *Lavoro, cambiamento organizzativo e contrattazione collettiva nelle università*, Bologna: Il Mulino, pp. 153-173.

2007

La contrattazione collettiva. Un nuovo equilibrio tra centralizzazione e decentramento?, in Dell'Aringa C., Della Rocca G. (eds), *Pubblici dipendenti. Una nuova riforma?*, Soveria Mannelli: Rubbettino, pp. 63-92.

2005

Corporate Social Responsibility e relazioni industriali: integrazione o competizione?, in Sacconi L. (ed), *Guida critica alla responsabilità sociale e al governo di impresa*, Roma: Bancaria Editrice, pp. 523-532.

2003

The Reform of Public Sector Employment Relations in Industrialized Democracies, in Brock J., Lipsky D. (eds.), *Going Public. The Role of Labor-Management Relations in Delivering Quality Government Services*, Industrial Relations Research Association Series, Urbana-Champaign, pp. 23-67.

2003

Italy: Articulating Tripartite National Dialogue with Company Bargaining, in Ghellab Y. and Vaughan-Whitehead D. (eds.), *Sectoral Social Dialogue in Future EU Member States: The Weakest Link*, International Labour Office-European Commission, Geneva, pp. 283-316.

2003

Il possibile impatto della 'Società europea' sulle relazioni industriali, in Bordogna L., Guarriello F. (eds), *Aver voce in capitolo. Società europea e partecipazione dei lavoratori nell'impresa*, Edizioni Lavoro, Roma, pp. 107-129.

2003

Le relazioni industriali in Italia dall'accordo Lama-Agnelli alla riforma della scala mobile, in Comitato Nazionale per il Bilancio dell'esperienza repubblicana all'inizio del nuovo secolo (ed), *L'Italia Repubblicana nella crisi degli anni Settanta*, Soveria Mannelli: Rubbettino, vol. III, pp. 179-211.

2002

Nuove strade nello studio dei distretti? in Provasi G. (ed), *Le istituzioni dello sviluppo. I distretti industriali tra storia, sociologia ed economia*, Roma: Donzelli, pp. XI-XXII.

2001

*Collective Bargaining in Western Europe*, in Dell'Aringa C., Della Rocca G., Keller B. (eds.), *Strategic Choice in Reforming Public Service Employment*, Palgrave, London, 2001, pp. 48-70 (with D. Winchester).

2001

Conflitto terziario ed intervento di terze parti. Forza e debolezza del pluralismo, in CELLA G.P., PROVASI G. (eds), *Lavoro, sindacato, partecipazione*, Milano: Angeli, pp. 171-190,

1999

Italy: a case of co-ordinated decentralization, (in collaboration with Dell'Aringa C. e Della Rocca G.) in BACH S.-BORDOGNA L. -DELLA ROCCA G.-WINCHESTER D. (eds.), *Public Service Employment Relations in Europe: Transformation, Modernization or Inertia?*, London, Routledge, pp. 94-129.

1999

Il fattore dimensionale nelle relazioni sindacali e nella contrattazione collettiva in azienda, in TRAU' F. (ed), *La "questione dimensionale" nell'industria italiana*, Bologna: Il Mulino, pp. 561-592.

1998

Le relazioni sindacali nel settore pubblico, in CELLA G.P.-TREU T. (eds.), *Le nuove relazioni sindacali. L'esperienza italiana nella prospettiva europea*, Bologna: Il Mulino, pp. 297-330.

CONFERENCES/SEMINARS  
(selection)

- 2017: ARTRA -ILERA IX Congreso Regional de las Américas, Buenos Aires, Universidad Católica Argentina (UCA), 11-13 Octubre, Primera Sesión Plenaria, Track 3, Sistemas de Relaciones Laborales: Presente y Futuro, Desafíos y Oportunidades.
- 2017: 13<sup>th</sup> ESA Conference, Athens 29 August-1 September, RN17\_05a\_P, Crisis, Post-Crisis and Employment Relations (special session 1)
- 2016: ILERA 11<sup>th</sup> European Regional Congress, Milano 7-10 September, Special Seminar on "Public service employment relations in Europe after the crisis"
- 2015: ILERA 17<sup>th</sup> World Congress, Cape Town 7-11 September, keynote address to the plenary session of Track 5 'Employment Relations in the Public Sector', pp. 1-16.
- 2013: ILERA 10<sup>th</sup> European Congress, convenor and chairperson (with Roberto Pedersini, University of Milan) of the Special Symposium on "Recent trends in employment relations systems: the Italian, British and Australian cases", Amsterdam, 20-22 June.
- 2012: ILERA 16<sup>th</sup> World Congress, convenor and chairperson (with Stephen Bach, King's College London) of the Special Symposium on "Public Service Employment Relations in an Era of Austerity: Cutback Management or Structural Reform", Philadelphia, 2-5 July.
- 2009: IIRA 15<sup>th</sup> World Congress, convenor and chairperson (with Stephen Bach, King's College London), of the Special Symposium on "Varieties of New Public Management and Public Service Employment Relations: An International Comparison", Sydney, August.
- 2007: IIRA 8<sup>th</sup> European Congress, keynote speaker at the plenary session on "Public Sector Restructuring: Between State and Market", Manchester 3-6 September.
- 2006: IIRA 14<sup>th</sup> World Congress, convenor and chairperson (with Linda Dickens, Warwick University, UK), of the Special Seminar on "Regulating and Resolving Collective Disputes in Public Services", Lima, 11-14 September.
- 2004: IIRA 7<sup>th</sup> European Congress, chairperson of workshop 1W1 on "Globalisation and Industrial Relations", and presentation of a paper in workshop 2W12 on "Participation/Information and Consultation at European Level", Lisbon, September.
- 2004: seminar on the regulation of the employment relations in the public sector, Ministry of the Economy and Labor, Warsaw, May.
- 2003: IIRA 13<sup>th</sup> World Congress, chairperson of Workshop 5.3 "EMU and its Social Consequences", Berlin, September.
- 2001: ILO-EU Conference on "Sectoral Social Dialogue in Candidate Countries to the European Union", Prague, December.
- 2001: IIRA 6<sup>th</sup> European Congress, Oslo (paper in collaboration with R. Pedersini, in a workshop co-ordinated by M. Biagi), June.
- 2001: American IRRA 53<sup>rd</sup> Annual Meeting, paper on *Collective Bargaining, Employment Security and Firm Competitiveness in Italy*, in collaboration with R. Pedersini, New Orleans, January.
- 1998: IIRA 11<sup>th</sup> World Congress, invited paper in collaboration with D. Winchester, Bologna, September.
- 1996: IREC Conference on "Industrial Relations in Europe: Convergence or Diversification?", workshop coordinator, Copenhagen, September.
- 1996: Seminar on "The Restructuring of the Employment Relations in Public Services in Western Europe", organized by Aran (invited paper), Roma, January.
- 1991: IIRA 3<sup>rd</sup> IIRA European Congress, invited paper, Bari.
- 1988: Conference on "Work and Politics in Italy: Twenty years after the Hot Autumn", Harvard University, Center for European Studies, organized by prof. P. Lange and M. Regini, Cambridge (MA), November.
- 1987: seminar on "Strategies of industrial adjustment", Massachusetts Institute of Technology, organized by Professors M. Regini and Ch. Sabel, Cambridge (MA), February.
- 1985: 5<sup>th</sup> International Conference of Europeanists, paper presentation, Washington, October.
- 1983: Conference on "Institutional Performance in Italy", invited paper, Bellagio, Rockefeller Foundation, June.
- 1982: "Collège sur l'histoire comparative des grèves", Maison des Sciences de l'Homme, Paris, organized by Professors L. Haimson e Ch. Tilly, Paris, June.
- 1982: 3<sup>rd</sup> International Conference of Europeanists, Panel on "Cycles of Popular Support and Economic Performance in the Capitalist Democracies", chaired by Professors D. Cameron (Yale Un.) and D. Hibbs (Harvard Un.), Washington, April.
- 1981: 76<sup>th</sup> Annual Convention of the American Sociological Association, Panel on "Class/State Relations", chaired by Professor Maurice Zeitlin, Toronto, August.

**AWARDS** 1985: XII premio Scanno Giancarlo Capecci for the best Italian book inthe field of Industrial Relations (with G. Provasi)

**MEMBERSHIPS**

1994-2018:	AISRI, Associazione italiana di studi delle relazioni industriali, member of the Executive Council
2006-2010	AISRI President
2006-present:	IIRA –International Industrial Relations Association (now ILERA), member of the Executive Committee between 2006 and 2012
2010:-	Member of the Scientific Committee of ISAP, Institute for the Study of Public Administration, Milano, Italy
1998-2010:	IRRA/LERA American Industrial Relations Research Association
2019 :-	SISEC – Società Italiana di Sociologia Economica

**ANNEXES**

*I, the undersigned, hereby declare that the above is authentic and genuine and that all information required in relation to the award and selection criteria is presented. I further declare that I am available to work for the period(s) foreseen for the position for which my CV has been included in the event that this tender is successful*

<b>Name (in block capitals)</b>	LORENZO BORDOGNA
<b>Position/Job title (in block capitals)</b>	PROFESSOR OF ECONOMIC SOCIOLOGY
<b>Signature</b>	
<b>Date</b>	October 2020